300	CONVEYING APPARATUS ENTIRELY SUPPORTED BY MOBILE GROUND	327	Having hinged plates forming steps
301	ENGAGING MEANS	328	Trained about vertical axis or axes
	.Condition responsive control means for vehicle or conveyor	329	With means allowing tensioning of the endless member
302	.Retractable ground wheel	220	
303	.Including three relatively	330	With drive means
304	movable interconnected wheel or track equipped vehicles	331	With means synchronizing the operation of the steps and a handrail
304	.Dirigible vehicle	332	With paired track step levelers
	Pulling winch on vehicle	333	With specified step structure
306	.Ground wheel lockable in transverse or longitudinal position on vehicle	334	.By support means having a zone of varying speed
307.1	.Bucket conveyor	335	.Moving hand-support structure
308.1	.Shovel or tine pushable under	336	With handrail tensioning means
300.1	load	337	Specific handrail configuration
309	.Support slidable on ground	338	Handrail quard
310	.Conveyor driven by motion of	339.1	WITH MEANS TO FACILITATE WORKING,
310	ground-engaging element		TREATING, OR INSPECTING
311	.Including gravity conveyor		CONVEYED LOAD AT A STATION
311	section or bin with driven	340	.Having signalling or load
	conveyor		identifying means
312	.Conveyor shiftably mounted on	341.01	.Condition responsive control of
512	vehicle		conveyor or station apparatus
313	Contractible or foldable	341.02	Conveyor displacement controls
313	conveyor section	311.01	station apparatus
314	Separate conveyors serially	341.03	Station operation responsive to
214	arranged on single vehicle		presence or absence of item
315	Power means for shifting	341.04	Item size
	conveyor	341.05	Item position relative to
316.1	Fluid-actuated ram		station position
317	Horizontally swingable conveyor	341.06	Quantity of items
318	Vertically swingable conveyor	341.07	Item presence
319	Means for maintaining conveyor-drive motor support	341.08	Conveyor responsive to station operation
	in level position	341.09	Speed control
320	Winch-operated shifting	343.1	.Load supporting conveyor portion
	mechanism		is retarded or stopped with
321	CONVEYOR OR ACCESSORY THEREFOR		load at station without being
	SPECIALIZED TO CONVEY PEOPLE		disconnected from remainder of
322	.With means to control the		continuously moving conveyor
	operation of the section	343.2	Load supporting conveyor
323	By means responsive to an		portion is movably secured to
	unsafe operating		conveyor drive
	characteristic of the system	345.1	.Means engaging conveyor or load
324	.With means to facilitate		on a conveyor to align load
	passenger entry or exit		for working
325	By support having	345.2	Means engages conveyor to fix
	<pre>interdigitating members (e.g., comb plate, etc.)</pre>		conveyor position relative to station
326	.By stairway having steps forming		
7-7	an endless member		

345.3	Means engages a conveyor portion (i.e., pallet) which	349.6	Memory stores plural sources or destinations
	is separable from the conveyor drive to fix the position of said conveyor portion	349.7 349.8	Inventory also in memoryMaterial detector indexes code
346	.Static means for supporting load or workman adjacent conveyor for operation on load	349.9	<pre>Plural, longitudinally spaced, material detectors index code</pre>
346.1	.Means to convey a palleted load back and forth between an	349.95	Conveyor detector indexes code
	initial location and the work station	350	By magnetic means
346.2	.Means to transfer a load back	351	By selectively positioned abutment means
245.2	and forth between the mainline conveyor and the work station	352	Having plural abutments arranged in a specific pattern
346.3	.Conveyor(s) lowers the load to at least one of a plurality of	353	Having support means slidably mounting abutment means
2.45. 1	fixed work stations	354	Having an abutment support
347.1	CONVEYOR SYSTEM HAVING AUXILIARY SECTION FOR STORING ITEMS		containing a plurality of abutment receiving means
	MOVING BETWEEN SOURCE AND DESTINATION	355	By repositionable contact or switch actuator
347.2	.Auxiliary section has the same	359	.With gravity-conveying means
0.45	entrance and exit	360	By movably mounted, load-
347.3	Auxiliary section has a		supporting, gravity section
	reversibly driven conveyor for bidirectional article movement	361	By repositionable idler roll or rollway
347.4	.Plural laterally spaced, same direction auxiliary paths	363	.By proportioning the feed from multiple sources
348	CONVEYOR ARRANGEMENT FOR	364	.By moving a load directing means
	SELECTING AMONG PLURAL SOURCES OR DESTINATIONS	301	along the length of the section
357	.Condition responsive control means to prevent collision on	890	.Plural laterally spaced locations fed to or received
358	merging conveyors .Condition responsive control		from a conveyor having
	means including sensing condition of source or		laterally movable article supports or pushers
2.40	destination	890.1	Laterally moving article supports
349	.With selection responsive to means containing or introducing changeable	367	.By passive material-diverting means placed across the flow path
349.1	operating instructionsBy synchronously moving signal	367.1	Material diverted by plural, successive gates
349.2	carrier distinct from conveyorMoving at different velocity	367.2	Plural, manually manipulated gate actuators
	than conveyor	368	.By a selectively movable stop
349.3	Rotary signal carrier		means
349.4	Magnetic means on rotary carrier stores code	369.1	One of a plurality of main line conveyors selectively moves to
349.5	Using central memory to store code until article is discharged		connect with a spaced path

369.2	Endless conveyor or portion thereof pivots about a horizontal axis perpendicular	374	.By optionally facing successive items according to a predetermined recurring cycle
369.3	to pathEndless conveyor or portion	375	.By actuating item-holder relative to holder-carrying
	thereof pivots about an axis		conveyor
369.4	parallel to pathRoller pivots about a vertical axis	376	With holder-actuating means responsive to item-sensing means
369.5	Endless conveyor or portion thereof pivots about a	377.01	Holder carried by orbiting conveyor
369.6	vertical axisRollers shift the load	377.02	Holder rotates item about axis spaced from the item
307.0	vertically to a different plane	377.03	Holder having load gripping element
369.7	Conveyor slides to provide an	377.04	Holder having vacuum or air
370.01	opening in main path .By loading or unloading section	377.05	blast elementHolder having magnetic or
370.01	at selected one of a plurality	377.03	electrostatic element
	of pre-established locations along the length thereof	377.06	Holder rotation stops at predetermined position
370.02	Conveyor has independent lateral pushers	377.07	Holder having load gripping element
370.03	Conveyor has independently	377.08	Holder having vacuum or air
	movable load supporting		blast element
370.04	portionsSupporting portions tilt about	377.09	Holder having magnetic or
370.04	an axis parallel to path of	377.1	electrostatic elementHolder rotation stops at
	travel	377.1	predetermined position
370.05	Supporting portions tilt	378	Holder or conveyor moves
	vertically about an axis perpendicular to path of		intermittently (e.g., for
	travel	379	<pre>"indexing" load) .By gripping item and turning</pre>
370.06	Supporting portions are	317	item about fixed axis
252 25	laterally extending belts	380	.With pressurized fluid causing
370.07	By separate reciprocating or oscillating pusher		change in attitude
370.08	By separate endless or rotary	381	.With magnetism causing change in attitude
	pusher	382	By conveying randomly faced
370.09	By separate supporting rollers	332	items and turning items to
370.1	By separate endless or rotary		uniform facing
370.11	supporting conveyor	383	Including significantly shaped
370.11	By separate fluid jetBy selective application of		portion of conveyor
370.12	suction		cooperating with significantly shaped item to face item
370.13	By selective application of	384	Including orbiting progression
	magnetic field		of item-receiving pockets and
371.1	By reversibly driving the main line section		means moving item within pocket
371.2	Endless belt or chain	385	By roller/finder to move item
371.3	Rollers	303	and/or fit surface indentation
373	CONVEYOR FOR CHANGING ATTITUDE OF		on item
	ITEM RELATIVE TO CONVEYED	386	Roller/finder rotating about
	DIRECTION		plural axes

387	<pre>Pockets comprise grooved, transversely disposed rollers</pre>	406	.For changing both the elevation and the posture of successive
388	Including protruding portion of conveyor entering end of	407	<pre>itemsBy plural, sequentially acting</pre>
	slotted or hollow item		conveyors
389	For shaped item suspended in	408	By an orbitally moving conveyor
	or by shaped passageway	409	By an oscillating or
390	For shaped item fitting		reciprocating conveyor
	outline of shaped passageway	410	.By plural distinct occurrences
391	Via vibrating bowl having shaped passageway		of turning each successive item
392	Via rotating means having	411	.By conveyor and means driven for
393	shaped passageway or exitIncluding orbiting progression		turning successive conveyed items
	of item-fitting elements	412	By means between successive
	passing through supply of scrambled items		conveyor sections or conveyor elements
394	By conveying an item that has a	413	By means which interdigitate
0,7 1	position characteristic and rotating the item until it is		with conveyor sections or elements
	positioned	414	By turntable which lifts,
395	With control means actuated in		turns and lowers item(s)
	response to sensing of	415	By plural, unequal-speed
	improperly faced item		members simultaneously
396	Including separating item from		contacting and conveying items
	scrambled supply hopper	416	.By member adjacent conveyor for
397.01	By orbiting progression of		contacting successive conveyed
	item-receiving pockets passing	417	items
207 02	through supply	417	Longitudinally twisted item-
397.02 397.03	Rotary pocketed conveyorHorizontal axis of rotation	418	bounding passageway CONVEYOR SYSTEM FOR ESTABLISHING
391.03	HOTIZORGAL AXIS OF POLACION	410	CONVEYOR SYSTEM FOR ESTABLISHING
397 NA	Item oriented while on		AND MOVING A CROID OF ITEMS
397.04	Item oriented while on	418 1	AND MOVING A GROUP OF ITEMS
	rotary conveyor	418.1	.Having items discharged from
397.04 397.05	rotary conveyorItem oriented while on	418.1	
	rotary conveyor	418.1	.Having items discharged from plural distinct outlets into
397.05	rotary conveyorItem oriented while on rotary conveyor		.Having items discharged from plural distinct outlets into group
397.05	rotary conveyorItem oriented while on rotary conveyorItem oriented while on		.Having items discharged from plural distinct outlets into groupWith outlets longitudinally
397.05 397.06	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyor		.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of
397.05 397.06	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between	418.2	.Having items discharged from plural distinct outlets into group.With outlets longitudinally spaced along path of progressively formed group
397.05 397.06	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and	418.2	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets discharging in the same
397.05 397.06	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced	418.2	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets
397.05 397.06 398	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced itemsBy turning only improperly	418.2	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets discharging in the same direction and superposing
397.05 397.06 398	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced itemsBy turning only improperly faced items to uniform facing	418.2 418.3 418.4	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets discharging in the same direction and superposing items .Having plural successive groups discharged by single conveyor
397.05 397.06 398	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced itemsBy turning only improperly faced items to uniform facingBy partially turning all items to uniform facing and	418.2 418.3 418.4	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets discharging in the same direction and superposing items .Having plural successive groups
397.05 397.06 398 399 400	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced itemsBy turning only improperly faced items to uniform facingBy partially turning all items to uniform facing and direction	418.2 418.3 418.4	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets discharging in the same direction and superposing items .Having plural successive groups discharged by single conveyor into larger group
397.05 397.06 398 399 400	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced itemsBy turning only improperly faced items to uniform facingBy partially turning all items to uniform facing and direction .With control means for attitude-changer responsive to sensing	418.2 418.3 418.4	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets discharging in the same direction and superposing items .Having plural successive groups discharged by single conveyor into larger group .Having conveyor drop grouped items simultaneously onto
397.05 397.06 398 399 400 401	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced itemsBy turning only improperly faced items to uniform facingBy partially turning all items to uniform facing and direction .With control means for attitude-changer responsive to sensing of item .For inverting successive items	418.2 418.3 418.4 418.5	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets discharging in the same direction and superposing items .Having plural successive groups discharged by single conveyor into larger group .Having conveyor drop grouped items simultaneously onto another conveyor
397.05 397.06 398 399 400 401	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced itemsBy turning only improperly faced items to uniform facingBy partially turning all items to uniform facing and direction .With control means for attitude-changer responsive to sensing of item	418.2 418.3 418.4 418.5	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets discharging in the same direction and superposing items .Having plural successive groups discharged by single conveyor into larger group .Having conveyor drop grouped items simultaneously onto another conveyor .Subdivides continuous item
397.05 397.06 398 399 400 401	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced itemsBy turning only improperly faced items to uniform facingBy partially turning all items to uniform facing and direction .With control means for attitude-changer responsive to sensing of item .For inverting successive itemsBy means driven for inverting	418.2 418.3 418.4 418.5	.Having items discharged from plural distinct outlets into groupWith outlets longitudinally spaced along path of progressively formed groupSuperposes items within groupWith vertically aligned outlets discharging in the same direction and superposing items .Having plural successive groups discharged by single conveyor into larger group .Having conveyor drop grouped items simultaneously onto another conveyor .Subdivides continuous item stream into longitudinally
397.05 397.06 398 399 400 401 402 403	rotary conveyorItem oriented while on rotary conveyorItem oriented while on endless conveyorItem oriented while on endless conveyorBy distinguishing between alternatively faced items and conveying uniformly faced itemsBy turning only improperly faced items to uniform facingBy partially turning all items to uniform facing and direction .With control means for attitude-changer responsive to sensing of item .For inverting successive itemsBy means driven for inverting conveyed itemsOrbiting conveyor-inverter	418.2 418.3 418.4 418.5 418.6	Having items discharged from plural distinct outlets into group With outlets longitudinally spaced along path of progressively formed group Superposes items within group With vertically aligned outlets discharging in the same direction and superposing items .Having plural successive groups discharged by single conveyor into larger group .Having conveyor drop grouped items simultaneously onto another conveyor .Subdivides continuous item stream into longitudinally spaced groups By offsetting first or last

418.9	And imbricates items within group	450	<pre>On rotating carrier (e.g., star wheel, etc.)</pre>
419.1	By item engaging stop means	451	By synchronized gate(s) in
419.2	By different speed conveyors	131	paths of plural streams
419.3	With spaced dividers on	452	By guide means in paths of
419.3	conveyor limiting group size	432	streams
426	.By shifting group of items	453	Via throat for restricting flow
	simultaneously from stream		of massed items
	conveyor to form a group	454	With supplementary moving
427	And distributing items of group		surfaces that form throat
	into plural streams	455	Including retro-moving
428	By air blast or suction		surface
429	By reciprocating shifter	456	.By laterally or vertically
430	Having oblique or orbital		moving successive items in
	movement		longitudinally moving stream
431	.By depositing items successively	457.01	To change direction of
	from one conveyor onto group		longitudinally moving stream
	conveyor	457.02	Item supporting rollers cause
432	.By shifting group from row		direction change
	conveyor onto row conveyor	457.03	Item supporting endless belt
433	.By shifting group from row		causes direction change
133	conveyor onto stream conveyor	457.04	Item supporting screw causes
434	CONVEYOR SYSTEM FOR ARRANGING OR	137.01	direction change
151	REARRANGING STREAM(S) OF ITEMS	457.05	Fixed guide causes direction
435	.By distributing items onto	137.03	change
433	vertically tiered conveyor/	457.06	Nonsupporting endless belt
	receiver	437.00	causes direction change
436	.By distributing items from one	457.07	
430	stream into plural streams	457.07	Nonsupporting rotary member causes direction change
437	-	450	
437	With control means responsive	458	To respace plural streams
420	to sensing means	450 1	laterally
438	By air blast or suction	459.1	.By longitudinally respacing
420	diverter	450.0	successive articles in stream
439	By magnetic diverter	459.2	Rotating star wheel
440	By orbiting progression of item	459.3	Rotating screw
	engaging elements	459.4	Varying pitch
441	On rotating carrier (e.g.,	459.5	Fixed obstruction and means for
	star wheel, etc.)		moving articles over or around
442	By interposing a guide into		the obstruction
	path of stream	459.6	Movable gate
443	.By queueing items from quantity	459.7	Plural
	<pre>source of items into stream(s) of items</pre>	459.8	Endless or rotary conveyor having zone of varying speed
444	With control means responsive	460.1	With space-control means
	to sensing means	10011	responsive to article sensing
445	Forming plural streams		means
446	By jiggling items into streams	460.2	Variable conveying length
447	And merging plural streams	100.2	conveyor
	into one stream	460.3	To crowd or imbricate
448	Merging plural streams (i.e.,	461.1	By successive conveyors having
110	source) into one stream	101.1	dissimilar speeds
449	By synchronized orbiting	461.2	Conveyors having increased
	progression of item-engaging		speeds only
	elements	461.3	Belt or chain conveyors only
		462.1	To crowd or imbricate articles

462.2		460 2	Control to the control of the contro
	Articles imbricated	468.3	Gripping elements movable
462.3	Crowding by endless belts or		relative to one another to
	chain conveyors only		space articles in the load
463.1	CONVEYOR SYSTEM FOR MOVING A	468.4	Suction gripping elements
	SPECIFIC LOAD AS A SEPARATE	468.5	Magnetic or electrostatic
	UNIT		gripping elements
463.2	.System includes a linear	468.6	Engaging element moves load
	conveyor or portion thereof		vertically and horizontally
	which bodily shifts	468.7	Element pushes load over
	transversely to move a load in		nonlinear support
	synchronization with a	468.8	Engaging element moves load
	transverse, continously		vertically only
	operating conveyor section	468.9	Engaging element moves load
463.3	.System includes linear conveyor	100.5	horizontally in a straight
	or portion thereof which		line
	shifts to lift or lower load	468.1	Element pushes load over
	before or after linearly	400.1	-
	conveying load relative to		separate support and has
	adjacent conveyor section	460 11	nonlinear path of travel
463.4	.System includes gate means	468.11	Element pushes load over
463.5	Load obstructing gate and means		separate support and has
103.3	for lifting load over the	460 1	linear path of travel
	obstruction	469.1	.System includes a rotating or
463.6	Plural successively operated		endless carrier with a load
403.0			engaging element
161 1	gate means	470.1	Comprising a load gripping
464.1	.System includes control means		element
464.0	responsive to sensing means	471.1	Suction gripping element
464.2	Responsive to load presence or	472.1	Magnetic or electrostatic
	absence		gripping element
464.3	Responsive to condition of at	473.1	Nongripping elements are
	least one conveyor		adjustable or replaceable for
464.4	Responsive to undesired		different sized loads
	condition of load	474.1	With means to move load
465.1	.System includes a load supported		engaging elements relative to
	by a conveyor portion which is		carrier
	separable from the conveyor	475.1	Whereby the load engaging
	drive		component moves relative to
465.2	Wherein the conveyor portion		the carrier to maintain load
	moves in a closed path in the		in a desired position during
	horizontal plane only		travel along a curved path
465.3	Wherein the conveyor portion is	476.1	Element is shifted to
	supported and driven adjacent		discharge or receive a load
	its opposite sides by	477.1	Element is only shifted with
	horizontally spaced drives		the load during discharge
465.4	Wherein the conveyor portion	478.1	Carrier rotates about a fixed
	supports the load below the	1,0.1	axis
	drive	479.1	Elements push the load over a
466.1	.System includes a T-shaped or	4//.1	
	headed load suspended between	480.1	separate support
	parallel conveyors directly	400.1	With a load retaining guard
467.1	.System includes a rotating screw	401 1	means
468.01	.System includes an oscillating	481.1	With load retaining guard
	or reciprocating load engaging	400 1	means
	element	482.1	Means mounted on the engaging
468.2	Comprising load gripping		element to forceably eject the
	elements		load from the element
	CICINCIIOD		

483.1	Means movably mounted inside	513	Opposite hand screws
	the path of the element to	514	Opposed load engaging pushers
	eject the load	515	Orbiting progressions of
484.1	Elements comprise a nongripping		pusher elements
	pair of members which self-	516	Mounted on endless carriers
	open as they pass through a	517	Reciprocating pusher feeding
	curved path		means
485.1	Nongripping elements support	518	Rotating feeding means
	the load below the endless	519	.Having means mounting conveyor
	carrier		for pile surface attack
486.1	Elements are hooks	520	.Self-gathering pusher
487.1	Nongripping elements are	521	.By vibratory trough entrance
	laterally projecting pins		means
	which engage the interior of a	522	.Having passive material
	hollow load		collecting means
493	CONVEYOR HAVING IMPINGING FLUID	523	CONVEYOR SYSTEM HAVING A GRAVITY
	TO FEED, SHIFT OR DISCHARGE		CONVEYOR SECTION
	LOAD; OR MEANS TO FACILITATE	524	.Condition responsive
	CLEANING OF CONVEYOR; OR	525	.With means to affect flow
	STERILIZING OR LUBRICATING	526	Moving flow control means
404	MEANS		coordinated with power-driven
494	.Having cleaning means		conveyor section
495	By fluid applying means	527	Successive power-driven
496	By conveyor contacting brush		conveyor sections
497	By conveyor contacting scraper	528	Power-driven conveyor section
498	Having a moving scraper		operatively engages adjustable
499	With scraper biasing means		gravity section
500	.Having lubricating means	529	Conveying element of power-
501	For rollers forming belt		driven conveyor section
	troughing structure		manipulated to effect load
502.1	WITH ALARM OR INDICATOR		discharge
502.2	.Means for measuring dimensions	530	Gate
	(height, width, or length) of	531	Actuated by, or otherwise
	load on a conveyor		coordinated with, power-driven
502.3	.Means for indicating position of		conveyor section
	unit load	532	In generally vertical exit
502.4	.Means responsive to conveyor		path of gravity discharge
	movement to indicate speed or		material holder
	to actuate alarm due to	533	By agitating, stirring,
	abnormal speed		vibrating, etc.
506	CONVEYOR HAVING MEANS SPECIALIZED	534	By retarding velocity or
	FOR COLLECTING A LOAD FROM A		reducing volume
	STATIC SUPPORT (E.G., THE	535	Adjustably mounted conveyor
F.0.F.	GROUND, ETC.)		section
507	.Having control means responsive	536	Section is terminal one of
	to load condition or unsafe		system
F.0.0	operating condition	537	.With means to handle portion of
508	.Having means to form a pile on a		load which becomes separated
F.0.0	static support		from main flow path
509	.Having buckets specialized to	538	.Conveyor section(s) adjustable
F10 1	gather load batches		for nonoperative purpose
510.1	.Power-driven feed means		(e.g., storage, transport,
511	Having vertically adjustable		etc.)
F10	feeding means		
512	Paired feeding means		

539	.Including a load-supporting bridging element (e.g.,	550.13	Apron type power-driven discharge means
	horizontal surface) between conveyor sections	560	.Power-driven conveyor section feeding to gravity section
540	.Gravity discharge material holder is source of supply, discharging by gravity to power-driven section		<pre>(i.e., gravity discharge material holder, or gravity flow path) feeding in turn to another power-driven section</pre>
541	With at least one more gravity section therebetween	561	Gravity conveyor section fed by one run of power-driven
542	And having plural, successive power-driven sections		section, and feeding in turn to another run of the same section
543	With at least one more successive power-driven section	562	Gravity conveyor section is gravity flow path feeding to
544	Of the apron belt type		power-driven section
545	Of the screw type	563	Followed by gravity section
546	Followed by at least one gravity section		(i.e., gravity discharge material holder, or gravity
547	Apron belt type of discharge-	T.C.4	flow path)
	receiving, power-driven section	564	Thrower type power-driven section
548	Screw type of discharge-	565	Plural gravity sections
	receiving, power-driven	566	Plural power-driven sections
	section	567	Serially arranged
549	Bucket type of discharge- receiving, power-driven	568	.Plural power-driven conveyor sections feeding to gravity
	section		section (i.e., gravity
550.01	.Bin having a power-driven conveyor section for		<pre>discharge material holder, or gravity flow path)</pre>
	discharging or feeding	569	.Power-driven conveyor section
	discharge to a gravity or		feeding to plural gravity
	power-driven section		sections (i.e., gravity
550.2	Having adjustable bin or discharge means		discharge material holder, or gravity flow path)
550.3	Excess material on power-driven	570	CONVEYING SYSTEM HAVING PLURAL
	discharge means returned to		POWER-DRIVEN CONVEYING
	bin	E E 1	SECTIONS
550.4	Power-driven discharge means feeds to a subsequent gravity	571	.With condition responsive control of a section
	section	572	By means responsive to presence
550.5	Power-driven discharge means		or condition of load
	feeds to a subsequent power-	573	By overload sensing
	driven section	574	.Conveyor carried by load-
550.6	Of the screw type		engaging conveyor
550.7	Of the bucket type	575	.With means controlling the
550.8	Of the scraper type		interrelated operation of
550.9	Of the apron type	F 77.6	plural sections
550.1	Screw type power-driven discharge means	576	.With means operating successive sections in timed relation
550.11	Bucket type power-driven	577	.With means for altering the
	discharge means		speed (e.g., accelerating,
550.12	Scraper type power-driven discharge means		<pre>decelerating, stopping, reversing, etc.) of a section</pre>
		578	.Having a cyclically swingable section

579	.With means operating successive	606	Plural sections each formed of
F 0 0	sections at different speeds		or including a closed flexible
580	.Recycling load in a closed path		loop
581	.With means allowing a section to fold upon itself	607	With elevating or lowering section
582	.With supply chamber for system	608	Plural rotating sections
583	.With means connecting sections	609	Plural vibratory sections
	for quick assembly of	610	Diverse sections
	disassembly	611	Having a rotating section
584	By means allowing relative	612	With load engaging element
304	movement of joined sections	012	carried by the rotating
585	.Including tripper		section
586	.With relatively adjustable	613	Element retractable to
	sections		disengage from load
587	By means mounting a section for	614	And a reciprocating section
	lateral swinging movement	615	CONVERTIBLE
588	With means to vary the	617	PROCESSES
	effective length of the system	618	CONVEYOR SECTION
	(e.g., telescoping sections	619	.Load propelled as the reactive
589	With means mounting a section	010	means in a linear motor or
303	to swing about a generally		moving magnetic field
	horizontal axis	620	
590		620	.Load simultaneously engaged
	With yieldable side walls		between and moved by a
591	With a curved guide or support		plurality of driven conveyor
592	By means mounting a section to	601 1	members
	swing about a generally	621.1	Reciprocating member
	horizontal axis	621.2	Load support member lifted by
593	With flexible means and		inclined or vertical
	winding drum		supporting fluid actuator
594	By means to vary the effective		(e.g., piston or air bag)
	length of the system	621.3	Load support member lifted by
595	By nested trough sections		supporting eccentric cam or
596	With opposed gripper means		rotating crank drive
597	.Including power-driven means for	621.4	Load support member lifted by
	laterally shifting a conveyor-		inclined supporting surface
	engaged load	622	Oppositely moving members
598	By a revolving or pivotal		(e.g., doffing, etc.)
	member	623	Wherein the velocities of at
599	.Including non-driven means for		least two of the members are
	moving load relative to		not equal
	conveyor	624	Rotary members
600	.Including rest for transient	625	Screw type
	load	626.1	Opposed endless belts
601	.Forming plural conveying paths	626.2	Load is enclosed by belts
	feeding to single conveying	626.3	Having means to adjust one
	path or vice versa		belt relative to the opposed
602	Forming a single conveying path.		belt
603	Superposed sections forming an	626.4	By biasing means
000	ascending or descending zigzag	626.5	Having adjustable belt portion
	conveying path	626.6	By biasing means
604	Load simultaneously engaged	629	by brasing means .Diverse
004			
	between and moved by coacting	630	.Moving wave type
605	conveyors	631.1	.Conveyor portion only cyclically
000	With load transfer between		rotates, shifts, or oscillates
	coacting conveyors		for extra-conveying function

632	.Conveyor section folds to	673	Bearing means directly engages
	facilitate transportation or		periphery of the helical
	storage of section		surface formation
633	.Movement of load changed	674	Including drive means
	relative to conveyor movement	675	Having reversible or variable
	on contact of load with		speed
C24	passive means	676	Helical surface formation
634	Load responsive means or timing	600	structure
	means controls load engaging means	677	With means for securing helical
635	Stripper (e.g., static scraper)		surface formation to driving
636	Passive means causes load to	678.1	member .Endless conveyor having means
030	move laterally of conveyor	070.1	for suspending load
637	To discharge load from	679	Magnetic means
037	conveyor	680	Means engagable with hanger to
638	.Thrower	000	change hanger position
639	Condition responsive control		relative to drive means or to
640	With guide or deflector for		release load
	material thrown	681	Load directly suspended from
641	Adjustable means to control		means spanning between
	trajectory distance or		parallel drive means
	direction	682	Having lock connection between
642	Rotary		hanger and load engaging means
643	.Endless belt strand or chain-	683	Articulated drive means
	like member to lift viscous		provided with non-load
	fluid		supporting guide means
644	.Conveyor for signatures	684	Having means interengaging
657	.Screw		articulated drive and drive
658	Including rotating load		means therefor
	confining means (e.g.,	685	Elongated drive means and
	tumbler)		hanger interengaging means
659	Including a deformable element	686	Strand or cable drive means
660	Including an axially adjustable		connected to hanger below
c c 1	helical surface formation	687	hanger support means
661	Having axially varying capacity	687	Chain or pivotally connected members drive means connected
662	Plural helical surface		to hanger below hanger support
662	formations		means
663	Separate, parallel formations	687.1	Separable conveyor portion
664	supporting same load	688.1	.Having means to enhance the
004	Transversing less than 360 degrees		friction or adherence between
665	And reversible		the conveyor and load at
666	Coupled end-to-end		random locations on conveyor
667	With intermediate drive	689.1	Suction
668	Pivotably	690.1	Magnetic
669	Of opposite hand	690.2	Transversely extending
670	With means for controlling flow		enlongated ridge means formed
* · *	or to assist conveying		on or attached by
671	With means to assist in		nonmechanical means to the
•	discharging from or feeding to		conveyor
	the housing of the helical	691	Electrostatic
	surface information	692	Impaling
672	Including bearing means	693	Having impaled load removal
			assisting means

697	Load-engaging belt having separate load-impelling,	720	Having means to recycle conveyed load
	projecting member swingably mounted thereon	721	With antifriction or movable supporting surface
698	Load-engaging belt having load-	722	Rotating pusher
	<pre>impelling, projecting cross members (e.g., slat, etc.)</pre>	723	To move load in an arcuate path
	joined thereto by mechanical	724	Wherein path is helical
600	fastening means	725	Endless-orbiting pusher or its
699	Belt formed of a continuous		load support
	<pre>member of flexible sheet-type material (e.g., canvas, etc.)</pre>	726	Coacting plural pushers in plural orbits
699.1	By a plurality of laterally	727	Pusher edge configured to
	spaced, projecting members on		load-support surface
700	the conveyor	728	Pusher connected to endless
700	.Single suspended loop		pusher-carrier
701	Bucket	729	With carrier drive or guide
702	To convey liquid		means configured to pusher
703	Having means to facilitate loading or discharging load from bucket	730	Integral element forming pusher, connection and carried link
704	Bucket has door means to release load	731	By detachable or adjustable
705	Having means to engage and	5 00	connection
	move load from bucket	732	By pivot between pusher and carrier
706	Having means to pivot bucket relative to endless drive means	733	By connection to single carrier
707	Interconnected buckets form	734	Pusher-surface configuration
	chain	735.1	Load support, casing, shield or auxiliary attachment
708	Having means to close gap between buckets	735.2	Modules connectable end to end with no relative movement
709	Having means to adjust tension on endless bucket carrier	735.3	Door, casing, cover, or load supporting surface
710	Slide and guide or wheel and	735.4	Casing or load supporting
	track means to movably support		floor with door
5 11	bucket	735.5	Removable cover overlying
711	Bucket with connection to		the conveyor
	endless band or strand-type carrier	735.6	Modules connected end to end
710	***=====		permitting relative angular
712	Bucket with connection to		positioning (e.g., due to
	endless chain or link-type carrier		uneven ground)
713	Bucket structure	736	Reciprocating pusher
713		737	Plural laterally spaced
714	Composite .Flexible pocket		alternately acting
715	-	738	Mounted on a carrier
716	.Flight means in conduit for lifting flowable solid	739	Carrier has a swinging path of movement
717	material	740	Carrier has an orbital path
717	.Pusher conveyor and separate		of movement
718	load support surface	741	Plural pushers
718	Condition responsive controlHaving means to prevent damage	742	Oscillating about axis or axes
	to conveyor	743	Axis or axes transverse to path of travel

744	Axis or axes below load	770	By unbalanced weights
	support surface	771	Conveying member configuration
745	Axis or axes perpendicular to load support surface	772	With retrograde movement preventer
746	Pivotally mounted pusher	773	Including set of alternately-
747	Pusher having linear path of		acting load-support members
	movement	774.1	Longitudinally extending
748	Moved by endless actuator		interdigitated sets (lifted by
749	Pusher configuration		oscillating arms, etc.)
750.1	.Reciprocating conveying surface	775	Each set movable
750.11	Reciprocating gripper	776	Sets move through a closed-
750.12	Suction gripper		loop path
750.13	Magnetic or electrostatic	774.2	Load support member lifted by
	gripper		inclined supporting fluid
750.14	Reciprocating surface carries		actuators
	load horizontally and	774.3	Load support members lifted
	vertically for one cycle only		by supporting, eccentric cam
750.2	Surface formed by plural		or rotating crank drive
	parallel elongated sections	774.4	Load support members lifted
	reciprocating horizontally		by inclined supporting surface
750.3	Seals	777	Including transverse pivoted
750.4	With specified bearing		sets of alternately acting
750.5	Piston drive	778	load-support members
750.6	Detachable drive	778 779	.Spiral
750.7	Piston drive	119	.Load-supporting rolls moved
750.8	Eccentric cam or rotating crank	780	about endless path .Live roll
D = 1	drive	781.01	Live roll drive engages,
751	With control means responsive	/01.01	Live foir drive engages,
EEO 1	to sensor means		disengages, or slips
752.1	to sensor meansVibratory conveying member		disengages, or slips responsive to load position or
752.1 753	to sensor meansVibratory conveying memberSelectively operated to	781.02	disengages, or slips responsive to load position or blockage
753	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movement	781.02	<pre>disengages, or slips responsive to load position or blockageFriction drive slips or</pre>
753 754	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extension		disengages, or slips responsive to load position or blockage
753	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement	781.02 781.03 781.04	<pre>disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt drive</pre>
753 754 755	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventer	781.03	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel drive
753 754 755 756	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical path	781.03 781.04	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load
753 754 755 756 757	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowl	781.03 781.04	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel drive
753 754 755 756	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single	781.03 781.04 781.05	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive
753 754 755 756 757 758	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory trough	781.03 781.04 781.05	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)
753 754 755 756 757	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having	781.03 781.04 781.05	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or
753 754 755 756 757 758 759	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or drive	781.03 781.04 781.05 781.06	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric means
753 754 755 756 757 758	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or driveWith damper for conveying	781.03 781.04 781.05 781.06	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric meansPositive gear drive
753 754 755 756 757 758 759	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or driveWith damper for conveying member or support	781.03 781.04 781.05 781.06	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric meansPositive gear driveFriction wheel drive
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753 754 755 756 757 758 759 760 761	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or driveWith damper for conveying member or supportWith means to control load speed	781.03 781.04 781.05 781.06 781.07 781.08 781.09 781.1	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric meansPositive gear driveFriction wheel driveFlat belt driveO-Ring drive
753 754 755 756 757 758 759 760 761 762	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or driveWith damper for conveying member or supportWith means to control load speedBy control of motor speed	781.03 781.04 781.05 781.06 781.07 781.08 781.09 781.1 781.11	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric meansPositive gear driveFriction wheel driveFlat belt driveChain drive
753 754 755 756 757 758 759 760 761 762 763	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or driveWith damper for conveying member or supportWith means to control load speedBy control of motor speedSupport for conveying member	781.03 781.04 781.05 781.06 781.07 781.08 781.09 781.1 781.11	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric meansPositive gear driveFriction wheel driveFlat belt driveFlat belt driveO-Ring driveChain driveChain driveHaving means to adjust position of roll relative to load (i.e., vertically,
753 754 755 756 757 758 759 760 761 762 763 764	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or driveWith damper for conveying member or supportWith means to control load speedBy control of motor speedSupport for conveying memberPivotal link support	781.03 781.04 781.05 781.06 781.07 781.08 781.09 781.1 781.11	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric meansPositive gear driveFriction wheel driveFlat belt driveFlat belt driveO-Ring driveChain driveHaving means to adjust position of roll relative to load
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753 754 755 756 757 758 759 760 761 762 763 764 765 766	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or driveWith damper for conveying member or supportWith means to control load speedBy control of motor speedSupport for conveying memberPivotal link supportRolling contact supportWith drive causing conveying member vibration	781.03 781.04 781.05 781.06 781.07 781.08 781.09 781.1 781.11 782	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric meansPositive gear driveFriction wheel driveFlat belt driveFlat belt driveChain driveChain driveChain driveHaving means to adjust position of roll relative to load (i.e., vertically, horizontally, angularly, etc.)Having intermittent, periodic, timed or programmed drive for rolls
753 754 755 756 757 758 759 760 761 762 763 764 765 766 767	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or driveWith damper for conveying member or supportWith means to control load speedBy control of motor speedPivotal link supportRolling contact supportWith drive causing conveying member vibrationWith damper for drive	781.03 781.04 781.05 781.06 781.07 781.08 781.1 781.11	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric meansPositive gear driveFriction wheel driveFriction wheel driveFlat belt driveO-Ring driveO-Ring driveChain driveHaving means to adjust position of roll relative to load (i.e., vertically, horizontally, angularly, etc.)Having intermittent, periodic, timed or programmed drive for rollsArranged or having means to
753 754 755 756 757 758 759 760 761 762 763 764 765 766	to sensor meansVibratory conveying memberSelectively operated to reverse direction of movementWith flexible-belt extensionWith retrograde-movement preventerHaving helical pathConfined within a bowlCoupled parts from single vibratory troughConveying member having support or driveWith damper for conveying member or supportWith means to control load speedBy control of motor speedSupport for conveying memberPivotal link supportRolling contact supportWith drive causing conveying member vibration	781.03 781.04 781.05 781.06 781.07 781.08 781.09 781.1 781.11 782	disengages, or slips responsive to load position or blockageFriction drive slips or disengagesBelt driveFriction wheel driveLive roll is driven by load sensor (e.g., trigger roller)Sensor and drive interconnected by fluid or electric meansPositive gear driveFriction wheel driveFlat belt driveFlat belt driveChain driveChain driveChain driveHaving means to adjust position of roll relative to load (i.e., vertically, horizontally, angularly, etc.)Having intermittent, periodic, timed or programmed drive for rolls

785	Roll (s) center load on conveyor	867.09	Holder for hollow load contacts interiorly
786 787	Load moves axially of rollRolls causes load to travel curved path	867.1	Holder formed of nongripping elements which separate from each other as they pass
788	With motor means for roll		through a curved path
789	Roll drive means	867.11	Holder means forms recess to
790	Belt drive		receive or seat load
791	Gear drive	867.12	Holder means forms an aperture
792	.Conveyor having a zone of		for receiving load
	varying speed	867.13	Holder has frictional
793	.Unit load conveying surface		engagement with drive
	means moved about an endless or rotating path	867.14	Holder has positive engagement with drive
794	With manual, position or	867.15	Holder is attached by a
751	condition responsive drive	007,120	detachable connector to the drive
797	Unit load conveying means	803.2	Holder supported and driven by
191	1 3	005.2	
	maintained in uniform	50 5	horizontally spaced drive
	orientation while transiting	795	Each conveying surface means
	from one direction to another		abbutted and pushed by
798	By coacting with guide only		succeeding conveying surface
	while transiting from one		means
	direction to another	803.3	Holder grips load
799	Plural endless means support	803.4	Relatively adjustable grippers
	and maintain conveying surface		space portion of load
	horizontally orientated while	803.5	Suction gripper
	moving around associated but	803.6	Magnetic or electrostatic
	axially displaced sprockets		gripper
	power-driven section	803.7	Gripper portion biased to load
800	By constant engagement with	005.7	engaging position
	guide means throughout	803.8	Gripper portion made of
	conveying course of travel	005.0	resilient material which is
801	Conveying surface elevates load		self biased into engaging
001	and has cantilever-type		position
	connection with endless means	803.9	-
802	Conveying surface movable	803.9	Cam means moves at least one
002	relative to path		portion of the gripper to a
0.67 01	-	000 1	load engaging position
867.01	Holder is removable or	803.1	Gripping portions self-open as
067.00	replaceable relative to drive		they pass through a curved
867.02	Holder grips load	000 11	path
867.03	Suction gripper	803.11	Nongripping holder is
867.04	Magnetic or electrostatic gripper		adjustable for different sized loads
867.05	Gripper portion biased to	803.12	Holder for hollow load contacts
0.5	load engaging position	000 10	interiorly
867.06	Gripper portion made of	803.13	Holder formed of nongripping
	resilient material which is		elements which self-open as
	self-biased into engaging		they pass through a curved
	position		path
867.07	Cam means moves at least one	803.14	Holder means forms recess to
	portion of the gripper to a		receive or seat load
	load engaging position	803.15	Holder means forms an aperature
867.08	Holder is adjustable for		for receiving load
	different sized loads		

803.16	.Rotary conveyor without specific	825	Independently rotatable
	locations for supporting		rollers canted relative to
	randomly placed articles or		each other
0.0.4	bulk material	826	Means for selectively
804	.Endless conveyor		adjusting angle between
805	Magnetically guided, supported		rollers to vary carrier belt
	or driven	0.017	shape
806	Revolvable means engaging	827	Pivotally linked rollers
	carrier belt face		form chain supported only at
	automatically skews to correct	0.00	its ends
0.07	belt training deviation	828	Roller-supporting
807	With power drive (e.g.,		transverse frame connected to side-frame stand
	pressure cylinder or electric	829	
	<pre>motor, etc.) for skewing revolvable means</pre>	829	Individually cantilevered
808	With revolvable means	020	roller
000		830	Transverse frame carrying
	supporting belt in transversely troughed form		at least three transversely
9.00		831	spaced roller supports
809	Vertically shiftable belt situated between auxiliary	831	Upper and lower runs of same
	-		belt travel vertically
810.01	load supports		aligned, laterally bending paths
810.01	Condition responsive	832	Carrier belt drive means
810.02	Belt damage sensorBelt tracking sensor	832.1	Indexed or intermittent drive
810.03	Belt tracking sensor	832.2	Brake means to slow, stop or
811	Bert tension sensorPressurized fluid or suction	032.2	hold carrier belt
011		832.3	
	applied to carrier belt to modify its reaction with	034.3	Brake means directly engages carrier belt
	support	833	Carrier belt driven by contact
812	Having variable conveying	033	with separate drive belt, or
012	length		connected thereto by quick-
813	Device for tensioning belt		release clamp
814	With spring biasing means	834	Wheel with radial teeth-
815	With counterweight	031	engaging carrier belt or means
816	With screw adjusting means		connected therewith
817	Separate, parallel conveying	835	Roller, wheel, or drum-
017	reaches supporting same load		engaging belt
818	Having upwardly facing trough	836.1	Having load retainer or guide
010	configuration in transverse		separate from carrier belt
	direction on conveying reach	836.2	Load retainer biases load
819	Edges movable together to		transversely against carrier
0.25	enclose load		belt
820	Having preformed trough shape	836.3	Laterally adjustable or
821	Formed of or including a		yieldable guides contact load
022	continuous member of sheet-	836.4	Replaceable modular guides for
	like material (e.g., canvas,		changing the conveying path
	etc.)		cross-section
822	Formed or including	837	Support, guide, or hold-down
	transverse plates tandemly		means for carrier belt
	disposed lengthwise of carrier	838	Track which supports rollers
	belt		attached to belt
823	Supported in trough form by	839	Means twists carrier belt or
	separate, unattached means		guides it between angularly
	engaging carrier belt face		oriented horizontal reaches
824	Roller or roller assembly		

840	Guide exerting lateral force	861.6	Entire conveyor pivots about
	on nonload-supporting belt		vertical axis
	surface	866	MISCELLANEOUS
841	Means slidably supporting belt		
842	Rotatable support or hold-down		
	engaging non-load-carrying		
	face of belt	CROSS-R	EFERENCE ART COLLECTIONS
843	Resilient		
844.1	Carrier belt structure	950	CONVEYOR TRANSVERSES WALL
844.2	Connection means joins ends of		APERTURE
	sheet-like belt	951	TURNING CIGARETTES END-FOR-END
845	Carrier belt supported or	952	HEATING OR COOLING
	guided by rotatable means	953	COIL SPRING UNTANGLING APPARATUS
	attached thereto	954	OVERFLOW
846	Formed of or including a	955	AIR MANIFOLD
	continuous member of sheet-	956	IMPACT PLATES
	like material (e.g., canvas,	957	CONVEYOR MATERIAL
	etc.)	958	LOAD UNITS COUNTER
847	Including separate	959	WEIGHING
	reinforcing elements or plural	737	WEIGHING
	sheet-formed plies		
848	Formed of or including wire		
	mesh, or rods hooked together	FORFICIA	NOT COLLECTIONS
	at belt edges	FOREIGN	ART COLLECTIONS
849	Link belt attached to carrier		
	belt	FOR	CLASS-RELATED FOREIGN DOCUMENTS
850	Formed of or including		
	pivotally interconnected rigid		
	links		
851	Separate pins interconnect links		
852	Links pivot about mutually		
	perpendicular axes		
853	Links having interfitted		
	ends		
860.1	CONVEYOR FRAME OR CASING		
860.2	.Modules connectable end-to-end		
	with no relative movement		
860.3	.Casing, cover, shield or load		
	supporting surface		
860.4	Casing with door		
860.5	Removable cover overlying the		
	conveyor		
861.1	.Adjustable conveyor frame or		
001.1	casing		
861.2	Conveyor frame or casing flexes		
001.1	or pivots intermediate its ends to move one end relative		
0.61 3	to the other		
861.3	Single horizontal pivot axis only		
861.4	Entire conveyor pivots about horizontal and vertical axes		
861.5	Entire conveyor pivots about horizontal axis		
	HOTIZUHCAL AXIS		