1	SPECIAL ARTICLES	8.1	FEEDING
2	.Envelope	9.01	.Multiple supplies
3.01	DELIVERING TO STACK AND FEEDING	9.02	Sheet feeding from one supply
	THEREFROM		controls feeding from another
3.02	.Aligning at stack	0 00	supply
3.03	.Intermediate tray	9.03	Responsive to empty supply
3.04	.With job divider (e.g.,	9.04	Alternate feeding
	resettable bail bar or double bar separator)	9.05	<pre>Supply selection (e.g., sheet color)</pre>
3.05	.Feeding from bottom of stack	9.06	Size selection
3.06	Control for feeding responsive to delivering	9.07	Single separator acts on multiple supplies
3.07	Pneumatic separating	9.08	Movably mounted supply
3.08	.Feeding from top of stack	9.09	Including manual supply
3.09	Control for feeding responsive	9.1	Including continuous web supply
3.03	to delivering	9.11	Superposed supplies
3.11	Pneumatic separating	9.12	Juxtaposed supplies
3.12	.Sheets on edges	9.13	With convergence to single path
3.13	.With sheet sensor for selective	10.01	.Separator and conveyor
	location	11	Pneumatic separator
3.14	FEEDING AND DELIVERING	12	Endless conveyor
3.15	.Sensor located at the feeder and	13	Side aligner
	controls the delivering	14	Reciprocating conveyor
3.16	Having timer	15	Side aligner
3.17	.Sensor located at the delivering and controls the feeding	16	Buckling separator and endless conveyor
3.18	.Conveyor releases to subsequent	17	Side aligner
	conveyor	10.02	Sensor located at the separator
3.19	With alternate conveying path		and controls the conveyor
3.2	Including conveyor couple	10.03	Sensor located at the conveyor
3.21	On peripheral face of drum or		and controls the separator
	belt	10.04	Mechanically linked for
3.22	Pneumatic	10.05	simultaneous operation
3.23	Including pneumatic conveyor	10.05	Selective drive (e.g., number
3.24	Including gripper couple	10.06	of degree of rotation)
4.01	.Separator and conveyor	10.06 10.07	Endless belt separatorTo endless belt conveyor
5	Pneumatic separator	10.07	To endless belt conveyorTo rotary conveyor
6	Continuous endless conveyor	10.00	
4.02	Sensor located at the separator	10.09	To endless belt conveyor
4 02	and controls the conveyor	10.11	To rotary conveyor
4.03	Sensor located at the conveyor	10.12	With aligning
4.04	and controls the separatorMechanically linked for	10.13	With clutch
4.04	simultaneous operation	10.14	Reciprocating separator
4.05	Endless belt separator	10.15	To endless belt conveyor
4.06	To endless belt conveyor	10.16	To rotary conveyor
4.07	To rotary conveyor	18	.Separators
4.08	Rotary separator	18.1	Magnetic or electrostatic
4.09	To endless belt conveyor	18.2	Cyclicly moving
4.1	To rotary conveyor	18.3	Surface-piercing element(s)
4.11	Reciprocating separator	19	Buckling
4.12	To rotary conveyor	20	Pneumatic
7	.Continuous endless conveyors	21	Rotary

sheet

...Suction assisted

112

225	.By means to change direction of	254	During operation of feeder
	sheet travel	255	With indicator of aligner
226	.With means to align sheet		position
227	Responsive to sheet-sensor	256	.With means to interrupt feeding
228	To control gripper-couple	258.01	Responsive to sheet sensor
	moving sheet to alignment	259	Plural sensors
229	With means to retard sheet	260	Pneumatic sensors (e.g., to
	before alignment	200	sense superposed sheets)
230	By member moved with sheet	261	Laterally spaced sensors
231	Including suction retarder	201	(e.g., to sense misalignment)
232	Against aligner entering hole	262	Excess-thickness sensor
232	in sheet.	263	
233		203	To activate an electric
	Against rear-edge aligner	250 02	circuit
234	Against plural aligning	258.02	Interrupts feeding upstream
0.2.5	assemblages	050 00	only
235	For incremental travel against	258.03	Single sensor with timer
	successive front-edge aligners	258.04	Sensor operates warning
236	For front and side alignment		indicator
	of sheet	258.05	Mechanical linkage
237	Alignment of imbricated	257	Manually controlled (e.g., for
	sheets		alternate-cycle feed)
238	\ldots Including oppositely-disposed	264	.By means to convey sheet (e.g.,
	side-edge aligners		from pack to operation)
239	Plural aligners selectively	265.01	Responsive to sheet sensor
	used	265.02	Plural sensors
240	Oppositely-disposed side-edge	265.03	Laterally spaced sensors
	aligners	265.04	Thickness sensor
241	By aligning a sheet-holder and	266	With intermittent movement of
	its sheets		the sheet
242	Against temporarily-stopped	267	On oscillating or reciprocating
	conveyer	207	conveyor
243	Against front-edge aligner	268	Including gripper-couple
2 10	moved in direction of sheet	269	Including rear-edge pusher
	travel	270	
244	By retro-moving front-edge	270	With means to vary speed of
244	aligner	071	conveyor sheet
245	Against front-edge aligner	271	By rear-edge pusher
243	interposed into sheet path	272	Between superposed conveyor
246	_	0.70	couple
240	Synchronized with	273	Having means to permit
	intermittently-active		separation of couple
2.47	conveyor-couple	274	Including couple-elements
247	Including sheet-margin		resiliently urged together
0.40	gripper	275	On peripheral face of drum or
248	Against aligner adjacent side		belt
	edge of sheet	276	Including pneumatic means
249	By shifting aligner and	277	Including gripper-couple
	gripper-couple laterally of	145	.Pack holders
	sheet travel	146	With means to vibrate pack
250	By means to shift sheet	147	Advancer
	laterally against aligner	148	With means to move portions of
251	By oblique conveyor		advancer unequally (e.g., for
252	By gripper-couple pulling		unequal-thickness sheets)
	sheet laterally	149	For on-edge or imbricated
253	With means to adjust position		sheets
	of aligner		

311	Stripper normally in contact with conveyor surface	202	With means to vary speed of sheets on conveyor(s)
312	Stripper normally in spaced	203	By cyclicly varying conveyor
212	relation to conveyor surface	204	speed
313	With means to maintain	204	Suspension gripper
	constant spacing of movable stripper	205	For lateral margins of conveyed sheet
175	Means to drape sheets over	206	With means to adjust gripper
	horizontal bar	314	.Rotary conveyor
176	Responsive to delivered sheet	315	With circumferential pocket
177	Means to push sheets out of		members
	edgewise into broadside	81	Traveling
450	movement (e.g., packer)	82	Suspension gripper
178	Rotating packer	83	Flies
179	Screw or helix	84	Reciprocating conveyors
180	By reciprocating or	85	Suspension gripper
1.0.1	oscillating packer	207	.To receiver for pack of sheets
181	<pre>Packing sheets on-edge into receiver</pre>	208	With means to discharge static electricity
182	Means to retard sheets	209	With means to bow sheets
183	By suction retarder	210	With means to vibrate receiver
184	Means to change orientation or	211	With air cushion between sheet
	direction of sheets during		and pack
	delivery	212	For receiving sheets from below
185	Orientation-changing means		the pack
186	Sheet inverting means	213	With movable sheet-surface
187	By rotating circumferential-		support
4.0.5	pocket members	214	Receding from delivery zone
188	Means to bow sheets during		(e.g., retractor)
1.00	delivery	215	Responsive to increase
189	Means temporarily interposed	216	Conveyor-receiver for
100	between conveyor and receiver		imbricated sheets
190	Transversely-disposed, gapped sheet-supports on endless	217	Lowering as pack-height increases
101	carrier	218	\ldots .With auxiliary support for
191	Endless belt on reciprocating		part of pile
100	carrier	219	Spring-loaded support
192	Counter-rotating supports for	220	With movable pack-limiting
193	lateral margins	001	member(s) (e.g., hold-down)
T 2 3	.By electrostatic or magnetic conveyor	221	And means to move members
194	.By pneumatic conveyor		cyclicly against sheet edges
194	Using pressurized gas	200	(e.g., jogger)
196	Unidirectionally-moving suction	222	And yieldable connection in
1 0	member or surface	222	moving means
197	Including endless-belt	223	Members adjustable to sheet
101	conveyor and suction chamber	224	size
198	.By endless conveyor	224	Sheet-impact bumper member
199	Operation controlled by		
	delivered sheet		
200	With delivery end movably relative to pack receiver	CROSS-	REFERENCE ART COLLECTIONS
201	Moving away from increasing	900	STRIPPER
	delivered pack	901	MAGNETIC OPERATION
		J U I	THISTORY OF BURNING

271 - 6 CLASS 271 SHEET FEEDING OR DELIVERING

902 REVERSE DIRECTION OF SHEET

MOVEMENT

903 TRAVELING WICKET (FOR STACK ON EDGE)

FOREIGN ART COLLECTIONS

FOR 000 CLASS-RELATED FOREIGN DOCUMENTS