

1	PROCESS DISINFECTING, PRESERVING, DEODORIZING, OR STERILIZING	26	.Using direct contact steam to disinfect or sterilize
2	.Step of warning or decreasing hazard of process	27	..And additional disinfecting or sterilizing agent
3	.Process control in response to analysis	28	.Using disinfecting or sterilizing substance
4	.A gas is substance acted upon	29	..In situ generation of agent other than aldehyde or glycol
5	.Deodorizing	30	..And removing the agent by chemical reaction or sorption
6	.Affecting structure, article, etc., submerged in marine environment	31	..And recovering or reusing the agent
7	.Maintaining environment nondestructive to metal	32	..Treating bulk material
8	..Using protective article (e.g., antitarnish fabric, etc.)	33	..With positive pressure or vacuum
9	..Using gaseous preservative, preservative added to gaseous phase of environment, or maintaining gaseous phase nondestructive	34	..Using alkylene oxide
		35	..Using cyanide
		36	..Using aldehyde
		37	..Using halogen or halogen- containing compound
10	..Manipulating gaseous environment for preservative purpose	38	.Using fluent heat transfer medium other than air
11	...Steam environment	39	.By sudden release of pressure
12	..Aqueous acid environment (i.e., pH less than or equal to 4.1)	40	.Process of storage or protection
		41	..Of liquid
		42	...By preventing evaporation
		43	....Of water
13	..Aqueous alkali environment (i.e., pH greater than or equal to 8.4)	44	BLOOD TREATING DEVICE FOR TRANSFUSIBLE BLOOD
14	..Essentially pure water environment	45	.Oxygenator
15	...Using organic compound having phosphorus	46	..Including integral heat- exchange means
16	...Using organic nitrogen compound other than ammonium salt	47	..Bubble or foam producing
		48	..Membrane
17	...Using organic carboxylic acid or salt thereof	49	INCLUDING MEANS FACILITATING PART REPLACEMENT OR REPAIR OTHER THAN SOLID, EXTENDED SURFACE, FLUID CONTACT MEANS
18	...Using inorganic silicon or phosphorus compound	50	ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE LABORATORY DEVICE
19	...Using heavy metal or compound thereof	51	.Calorimeter
20	.Using sonic or ultrasonic energy	52	.Chemiluminescent
21	.Using microwave energy	53	.Corrosion tester
22	.Using direct contact with electrical or electromagnetic radiation	54	.Flame ionization detector
		400	.Structured visual or optical indicator, per se
23	..In atmosphere other than air	401	..In a holder or container
24	..Ultraviolet	402	...Structure to facilitate analysis of the results
25	.Including additional step of preventing damage to sealed container	403Read by automated means
		404Registration of the structure within the analyzer

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405	...Tubular	73	..With coagulometer for
406Including a swab		agglutination, clotting, or
407	...Well plate		prothrombin, or for particle
408	...Structure for contacting the		(e.g., cell, etc.) counting,
	sample with the reagent		or volume or characteristics
409	....Envelope, packet or sleeve		determination
	(e.g., for fecal occult	74	..Dairy tester
	sample, etc.)	75	..Including titrator
410	....Lancet (e.g., for finger	76	...Conductiometric type
	prick, etc.)	77	...With integrating or
411	....Swab		differentiating means
412	....Device using capillary action	78	..Including means for pyrolysis,
413	....Device having frangible		combustion, or oxidation
	compartment	79	...Biological, chemical, or total
414	....Device having torturous path		oxygen demand (i.e., BOD, COD,
415	....Including centrifuge		TOD)
416	....Including means for	80	...And means directly analyzing
	facilitating reaction of a		evolved gas
	gaseous fluid	81	..Automated system with sample
417	....Including channel, valve or		fluid pressure transport means
	chamber	82	...And means segmenting fluid
418	....Wiping means to acquire solid		material
	test substance	82.01	..Measuring electrical property
419	....Acquisition of liquid sample	82.02	...Resistance or conductivity
420	..Having reagent in absorbent or	82.03	...Ion selective electrode
	bibulous substrate	82.04	....Dissolved gas
421	...Plural layers	82.05	..Measuring optical property by
422	....Filtering		using ultraviolet, infrared,
423	....Spreading		or visible light
424	....Support layer	82.06	...Optode or optrode
425	..Having coated reagent	82.07	....Fluorescence
426	...Plural layers	82.08	...Fluorescence
427	....Filtering layer	82.09	...Absorbance or transmittance
428	....Spreading layer	82.11	...Waveguides
429	....Support layer	82.12	..Measuring temperature
430	.Test package or kit	82.13	..Measuring pressure
62	.Automatic analytical monitor and	83	.Means for analyzing gas sample
	control of industrial process	84	..Breath tester
63	.Sample mechanical transport	85	...Based on color change
	means in or for automated	86	..Including means reacting gas
	analytical system		with color indicator
64	..Means is turntable (circular)	87	...Strip indicator
65	..Means is conveyor and rack	88	..Including means for adsorbing
66	..Means is moving tape or band		or absorbing gas into or onto
67	..With specific analytical		liquid or solid media
	program control means	89	...Gas chromatography
68.1	.Means for analyzing liquid or	90	...With conductiometric detector
	solid sample	91	...With photometric detector
69	..Sorptions testing	92	...With volumetric detector
70	...Liquid chromatography		
71	...With radioactive material		
72	..Including centrifuge		

93	..Including means dividing sample stream into plural parallel segments having diverse treating means and the analytical result compared or combined	529	....Operated at ambient temperature
		530	....Heated
		531	...Condenser
		532	....Cooling means
		533	...Gravity or centrifuge separation
94	..Combustible gas detector		...Filter
95	...With thermoelectric detector	534	....Porous media
96	....Wheatstone bridge	535	..Tissue processing device
97	.....With specific coating on bridge element	536	..Valve
		537	...Including connector
98	..Analysis based on electrical measurement	538	...With multiple discrete settings
		539	...Stator and rotor, petcock/ stopcock, or slider
500	..Miscellaneous laboratory apparatus and elements, per se	540	...Check
501	..Volumetric fluid transfer means, e.g., pipette, pipettor, etc.)	541	...Ball or seat
		542	...Gas
502	...Micro-fluidic device	543	..Connector
503	....Plate design or structure	544	...Terminal end threaded or tapered
504	....Liquid moving means	545	...For needle, syringe, or capillary tube
505	.....Pump		..Container
506	.....Centrifugal force	546	...Used with centrifuge equipment
507	.....Capillary action		...Tube shaped vessel
508	....Spray tip	547	....Including closure or sealing mechanism
509	...Automated system	548	...Plate, sheet, dish or tray
510	....Including washing means	549	....Including a plurality of wells or receptacles
511	....Including tip attachment or removal	550	.....Microtitration plate
		551	...Cartridge, cassette or cuvette
512	...Including seal penetration means	552	...Bag type containers
		553	...Flask, bottle or beaker
513	...Including filter	554	...Cup or crucible
514	...Mixing of diverse substances within pipette	555	...Vial or ampoule
		556	...Including multiple internal compartments or baffles
515	...Sequential multidispensing from a single tip	557	..Holder
		558	...For sample or specimen container
516	...Variable volume	559	....For tube
517	....Including liquid level sensor	560	....For slide
518	.....Electrically operated	561	....For burette, pipette, or pipette tip
519	...Interaction of dispensing tip with surface upon which fluid is dispensed	562	..Housing
		563	..Support
520	...Drawing of liquid into pipette by capillary action	564	..Hood
		565	..Stopper, cover, plug, or seal
521	...Dispensing means	566	...Covering multiple containers or wells
522	....Pressure	567	
523	....Gravity	568	
524	...Tip	569	
525	....Removable		
526	.....Including storage rack therefore		
527	...Including means for separating a constituent (e.g., extraction, etc.)		
528	...Evaporator		

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PRESERVING, OR STERILIZING

570	...Penetrable cover (e.g., septum, etc.)	128	.Including supersonic or ultrasonic energy generation means
105	CONTROL ELEMENT RESPONSIVE TO A SENSED OPERATING CONDITION	129	CHEMICAL REACTOR
106	.Responsive to liquid level	129.1	.Soap making
107	.Control element directly mechanically linked to separate sensor	130	.Bench scale
108	.Control element responds proportionally to a variable signal from a sensor	131	.Organic polymerization
109	..Controls heat transfer	132	..Closed loop
110	..Controls flow rate of a material to or from a contact zone	133	..Generating foamed plastic
111	...Material is an input to contact zone	134	..Including plural sequential reaction stages
112	.Control element is fluid pressure sensitive	135	..Including reactant agitating means in reaction chamber
113	..Pressure-relief valve (e.g., pop-off valve) or check valve	136	...And means rotatably mounting reaction chamber
114	.Control element is a binary responsive valve	137	...Horizontal reaction chamber with screw or worm agitator
115	..Valve diverts flow from a contact zone	138	..With heat exchanger for reaction chamber or reactants located therein
116	.Sensed condition is operating time and control is operation sequencer	139	.Fluidized bed
117	WITH SAFETY FEATURE	140	..With liquid present
118	.Preventing opening of closure of pressurized apparatus at unsafe pressure	141	..Plural reaction beds
119	WITH INDICATING, SIGNALLING, RECORDING, SAMPLING, OR INSPECTION MEANS	142	...Sequentially arranged
120	FOR DEODORIZING OF, OR CHEMICAL PURIFICATION OF, OR GENERATION OF, LIFE-SUSTAINING ENVIRONMENTAL GAS	143	..Including specific wind box or particulate matter support grid
121	.With means exposing gas to electromagnetic wave energy or corpuscular radiation	144	..Including means to strip reaction mass from, or to regenerate, the particulate matter (including fluidized bed regenerators, per se)
122	.Including solid, extended surface, fluid contact reaction means (e.g., Raschig rings, particulate or monolithic catalyst, etc.)	145	..And means providing flow of particulate matter into or out of reaction chamber
123	.Including means adding material into environmental gas	146	..With heat exchange means affecting reaction chamber or reactants located therein
124	..And mechanical means creating forced draft at addition site	147	..And means mechanically separating and removing particulate bed material from fluid effluent
125	..With material-heating means	148	.Ammonia synthesizer
126	..Material is combusted	149	.With means simultaneously carrying out conjugated reactions within single reactor
127	SHOCK OR SOUND WAVE	150	.Pigment or carbon black producer
		151	..With means injecting quench stream into reaction chamber downstream of reaction site
		152	..With particulate product collecting surface and means mechanically removing product therefrom

153	...Moving collecting surface	178	...And contact regenerating means or means for cleaning an internal surface of the reaction chamber
154	....Rotary collecting surface		
155	.....Disk or plate		
156	..With plural sequential reaction zones or chambers	179	...Fixed bed with resilient or differential thermal expansion compensating bed support means
157	...With movably or removably mounted plug means for converting reactor from (N) to (N+1) reaction stages	180	...Unitary (i.e., nonparticulate) contact bed (e.g., monolithic catalyst bed, etc.)
158	..Vapor phase reaction type	181	...Fixed annularly shaped bed of contact material and means directing gas therethrough substantially perpendicular to longitudinal axis of bed
159	..For radioactive reactant or product	182	..Including means injecting combustion fuel into reaction chamber in direct contact with waste gas
160	..Inorganic sulfur acid or anhydride producing type	183	...And means mixing combustion fuel with waste gas upstream of reaction site
161	..Acid is final product	184.1	..For chemically destroying or disintegrating solid waste, other than burning alone
162	..Inorganic hydrator	185	..For chemical recovery of chemicals from waste paper making liquor
163	..Explosives synthesizer	186	..With means applying electromagnetic wave energy or corpuscular radiation to reactants for initiating or perfecting chemical reaction
164	..Solid reactant type (i.e., absence of fluid reactants)	186.01	..Magnetic
165	..Including ignition means for reactant	186.02	...Object protection
166	...Electrically actuated	186.03	...With electrical discharge
167	..Including reactor cooling means surrounding reactor	186.04	..Electrostatic field or electrical discharge
168	..Waste gas purifier	186.05	...Treating surface of solid substrate
169	..Including means providing sequential purification stages	186.06	...Surface is metal
170	...Plural chemical reaction stages	186.07	...Ozonizers
171	....Solid, extended surface, fluid contact type	186.08	...With preparatory or product-treating means
172	....And means downstream of a stage for injecting a reactant into waste gas for interreaction in subsequent stage	186.09	....With drying means
173	..With heat exchanger for reaction chamber or reactants located therein	186.1	....With filtering or particle removal means
174	...Electrical type	186.11	....With cooling, compression, condensation, or liquefying means
175	...Regenerative heat sink	186.12	...With subsequent use means
176	..Including waste gas flow distributor upstream of reaction site and within reaction chamber modifying velocity profile of gas	186.13	...With electrode moving means
177	..Including solid, extended surface, fluid contact reaction means; e.g., inert Raschig rings, particulate absorbent, particulate or monolithic catalyst, etc.	186.14	...With fluent reactant flow control means

186.15	....With current control or special electrical supply means	618	...Including product separation or purification means
186.16	.....With pulse generating means	619	..Combined with contact material regenerating means (e.g., regenerating catalyst, etc.)
186.18	...Cylindrical electrode	620	..Combined with recycling means (e.g., recycling products, reactants, etc.)
186.19	.....With heating or cooling means	621	...Including reaction heat recovery or recycling
186.2	...With heating or cooling means	622	...Including external recycle loop
186.21	...Arc or spark discharge means	623	..Including a boiler
186.22	...With electrode or reaction space heating or cooling means	624	..Including a mechanical means for transportation of material (e.g., conveyor, turntable, truck, etc.)
186.23	...With preparatory or product-treating means	625	..Including reformer reactor
186.24	.....With nitrogen fixation means	626	...Including water gas shift reaction
186.25	.....With cooling or pressurizing means	627	...Combined with selective or preferential oxidation reactor
186.26	.....With electrode moving means	628	...Autothermal
186.27	.....With current control means	629	...Steam reformer
186.28	...With current control means	630	..Discrete sequential reaction stages
186.29	...With RF input means	631	...Plural solid, extended surface, fluid contact reaction stages (e.g., inert Raschig rings, particulate sorbent, particulate or monolithic catalyst, etc.)
186.3	..With ultraviolet radiation generating means	632	...With down-flow fixed bed
187	..Combined	633	...Including a unitary, monolithic catalyst bed
600	..Including plural reaction stages	634	...With metal catalyst (e.g., metal oxide, etc.)
601	..Including plural parallel reaction stages with each stage in the form of a plate	635	...Including random inert packing (e.g., Raschig rings, balls, saddle rings, etc.)
602	..Plate-type laminated reactor	636	...At least one reaction stage formed of a fixed, annularly shaped bed of contact material
603	..Microscale reactor	637	....With means for directing reaction stream therethrough substantially perpendicular to the longitudinal axis of the bed
604	..With gas contact means for degassing or agitating (e.g., sparging, etc.)	638	...Superimposed reaction stages in single reaction chamber
605	..With draft tube	639	...Wherein at least one reaction stage is upstream or downstream of parallel stages (e.g., AA-B, etc.)
606	..With multiphase mixing means		
607	..With distributor or collection tray		
608	..With separation or purification means (e.g., rectification, evaporation, ion exchanger, extraction, settler, absorption, recrystallization, etc.)		
609	...Stripper tower		
610	...Distillation means (e.g., retort, etc.)		
611	...Scrubbing		
612	...Absorption		
613	...Cyclone separator		
614	...Condenser		
615	....Condenser downstream of a heat exchanging means		
616	...Filtering means		
617Membrane separation (e.g., palladium membrane hydrogen purifier, etc.)		

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 PRESERVING, OR STERILIZING

640	...With parallel repeat of a sequence of reaction stages (e.g., AB-AB, etc.)	200	..Indirect heat-exchange tube within reaction chamber with a nonreactant heat-exchange fluid passing therethrough
641	...With each stage in the form of a reaction tube	201	...Tube and shell type
642	...Wherein the reaction stages are the same	202	..Heat-exchange jacket surrounding reaction chamber
643	...Including thermal combustion means	203	...Including fluid-transfer means connecting chamber to heat-exchange jacket
644	...Reaction stages located within single reaction chamber	204	...Means associated with jacket providing combustion gas as heat-exchange medium
645	...With baffle (i.e., deflector plate)	205	...Including baffle or stirring means disposed within jacket or chamber, the baffle means within chamber connected directly to wall thereof
646	...With heating or cooling means	206	..Regenerative heat sink
647	...And means downstream of a stage for internally injecting a reactant into a reaction stream for reaction in a subsequent stage, or injecting an internal quench stream into a reaction stream passing between stages	207	..Means injecting internal quench stream into reaction stream downstream of reaction stage
648	...Means within reaction chamber for redistributing reaction stream as it passes between adjacent stages	208	..Apparatus operates at positive pressure
649	..With the provision of heating or cooling means	209	.Including means rotating reaction chamber during use
650	..Including plural parallel reaction stages with each stage in the form of a reaction tube	210	..And means wiping or scraping interior surface of reaction chamber
651	...Tubular stages in a single reaction chamber	211	.Including solid, extended surface, fluid contact reaction means; e.g., inert Raschig rings, particulate absorbent, particulate or monolithic catalyst, etc.
652	...Reaction tubes filled with catalyst particles	212	..With means removing and recovering product from extended surface contact material
653	...Reaction tubes containing structured catalyst	213	..Particulate contact material type and means providing flow of particulate material into or out of reaction chamber with reactants or products
654	...Reaction tubes having catalyst coating	214	...Transfer line type reaction chamber
655	...Individual supply of reactants for each reaction tube	215	...And internal mixing means
656	...With a solid reactant	216	..Compact bed of particulate, fluid contact material and means providing gravity flow of material within bed
657	...Operating at positive pressure	217	..And means upstream of extended surface, fluid contact means removing particulate impurities from reactant stream
658	...With tube plate (e.g., supporting plate)		
659	...With heating or cooling means		
198	.Including heat exchanger for reaction chamber or reactants located therein		
199	..Electrical type		

218	..Fixed annularly shaped bed of contact material and means directing reactant therethrough substantially perpendicular to longitudinal axis of bed	235	..And means heating or cooling loop or reaction mass located therein
219	..And means loading contact material into, or unloading contact material from, reactor or means providing internal contact material reservoir	236	.Including means separating reaction chamber into plural reactant-containing compartments and means moving reactant therebetween
220	..And reactant flow distributor upstream of contact means and within reaction chamber modifying velocity profile of reactant flow	237	..Movably mounted container-type separating means and means moving same
221	..Fixed contact bed type with resilient or differential thermal expansion compensating bed support means	238	..Solid reactant containing perforated or porous container-type separating means
222	..Unitary (i.e., nonparticulate) contact bed, (e.g., monolithic catalyst bed, etc.)	239	.Reaction chamber includes at least one perforated, porous, or semipermeable wall and is adapted for holding solid reactant
223	..With contact material regenerating means, per se, or combined with reactor	240	.Including specific material of construction
224	.Including internal mixing or stirring means	241	..Reactor liner
225	..Mechanical type stirring means	242	.Positive pressure type
226	...In positive pressure reactor	243	PHYSICAL TYPE APPARATUS
227	...Including a draft tube for internal recirculation	244	.Including serially disposed vaporizing heating means (sublimator) and solid material deposition means maintained at a temperature lower than said heating means (condenser)
228	...Including flow directing baffle attached directly to reaction chamber wall	245.1	.Crystallizer
229	..Longitudinally extending spiral stirring means	250.1	..Crucible-free zone refiner
230	..Thermosyphon or differential density mixing means; e.g., means internally recycling reaction mass via differential density pumping, etc.	251	..Including means separating and conveying crystals to a melting zone
231	...Gas sparger type mixing means submerged in liquid reactant	252	..Hydraulic classifier with crystallizer
232	.Including solid reactant and means charging solids into, or discharging solids from, reaction chamber	253	..Including feed compartment for introducing nutrient
233	..Having both charge and discharge means along with means conveying solids therebetween located within reaction chamber	254	..Movable crystallizer or scraping means
234	.Including external recycle loop	255	.Means separating or dissolving a material constituent
		256	..Liquid-liquid contact means
		257	...Including pulsator, adjustable plates, or plural inlets; e.g., spraying, etc.
		258	...Including rotating chamber or rotating member within chamber; e.g., mixer-settler, etc.
		259	...Having rotating member within chamber

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 PRESERVING, OR STERILIZING

260	...Including heating and cooling means	289	...And direct contact heating fluid means within separating or dissolving chamber vessel
261	..Liquid-solid contact means	290	...And indirect contact heating fluid means in separating or dissolving chamber
262	...Sulfur extraction	291	.Combined
263	...Including monolithic nonporous body of solute	292	.Apparatus for treating solid article or material with fluid chemical
264	...Including means restricting solvent contact to one end of body of solute	293	..Fluid having simultaneous diverse function
265	..Buoyant holder	294	..Including flexible or collapsible treating chamber
266	..Manual or mountable holder; e.g., soap holder, etc.	295	..Including pressure treating chamber (above ambient)
267	...Including means to remove solids from a filter	296	...Fluid pressure maintains closure or seal
268	..Conveyor support for solid material during contact; e.g., bucket, etc.	297	...And rack, support or handling means
269	...Including rotating member	298	...And vaporizer; e.g., boiler, etc.
270	....Member is container	299	....Constituting treating chamber
271	....Including internal rotating member	300	..Including rack, support or handling means
272	....Partitions divide container	301	...Apparatus closure operates means immersing article or material in liquid chemical
273	....Member conveys material into and out of container; e.g., screw propeller, etc.	302	...For treating container or covers therefor
274	...Including perforated member which is nonlinear or inclined with respect to the major axis of container	303	....Container is inverted
275	...Including parallel perforated members perpendicular to, or parallel to, major axis of container	304	....Including endless conveyor
276	..Side wall of holder perforated	305	.Including gas generating means
277	....Perforations of holder form inlet for solvent	306	.Including means for adding a material to a gas
278	...Including plural orifice inlet, or deflector adjacent inlet for solvent flow	307	.Heat treating vessel with heating means
279	....Having inlet submerged within body of a solid solute	308	..Including multiple stages
280	..Solvent vapor condenser	309	..Including comminuting, kneading, or surface-wiping means interior or vessel
281	..Means recirculating solvent	310	ELEMENTS OR ADJUNCTS
282	...Including bypass	311	.Bed support means (e.g., support grid or plate for supporting particulate bed of contact material, etc.)
283	...Including dip tube for inlet or outlet of fluid solvent	312	.Tube element containing extended surface contact reaction means (e.g., a tube internally coated or packed with a catalyst, etc.)
284	...Internal heater; e.g., steam coil, etc.		
285	..And heating means		
286	...Including mechanical comminuting or conveying means		
287	....Within treating vessel		
288	...Including means removing vapor from treated material		

CROSS-REFERENCE ART COLLECTIONS

- 900 **DECREASING POLLUTION OR ENVIRONMENTAL IMPACT**
- 901 **POLYMER DISSOLVER**
- 902 **SODIUM CHLORIDE AND POTASSIUM CHLORIDE DISSOLVER**
- 903 **RADIOACTIVE MATERIAL APPARATUS**
- 904 **NITROGEN FIXATION MEANS**
- 905 **MISCELLANEOUS LIQUID STERILIZATION MEANS**
- 906 **PLASMA OR ION GENERATION MEANS**
- 907 **CORONA OR GLOW DISCHARGE MEANS**
- 908 **CRUCIBLES [B01L 3/04]**
- 909 **CRYSTALLIZING DISHES [B01L 3/06]**
- 910 **FLASKS [B01L 3/08]**
- 911 **WASH BOTTLES [B01L 3/10]**
- 912 **GAS JARS OR CYLINDERS [B01L 3/12]**
- 913 **TEST TUBES [B01L 3/14]**
- 914 .Specific test tube, per se [B01L 3/14B]
- 915 ..With identification means, e.g., coded [B01L 3/14B2]
- 916 .Closing or opening means, e.g., corks, bungs [B01L 3/14C]
- 917 ..With identification means, e.g., coded [B01L3/14C2]
- 918 .Specially adapted for centrifugation [B01L 3/14D]
- 919 **BURETTES; PIPETTES [B01L 3/02]**
- 920 .Burettes, i.e., for withdrawing and redistributing liquids through different conduits [B01L 3/02B]
- 921 ..Plunger type [B01L 3/02B2]
- 922 .Pipettes, i.e., with only one conduit for withdrawing and redistributing liquids [B01L 3/02C]
- 923 ..Plunger pump type [B01L 3/02C3]
- 924 ...Capillary pipettes, i.e., having a very small bore [B01L 3/02C3C]
- 925 ...Having mechanical strokelength setting means, e.g., movable stops [B01L 3/02C3D]
- 926 ...Details of motor drive means [B01L 3/02C3M]
- 927 ...Having several coaxial pistons [B01L 3/02C3P]
- 928 ...Repeating pipettes, i.e. for dispensing multiple doses from a single charge [B01L 3/02C3R]
- 929 ...Supports for pipettes [B01L 3/02C3S]
- 930 .Drop counters or drop formers [B01L 3/02D]
- 931 .Interchangeable or disposable dispensing tips [B01L 3/02E]
- 932 ..Cooperating with positive ejection means [B01L 3/02E2]
- 933 ..Means for supplying or disposing of tips, e.g., racks or cassettes [B01L 3/02E4]
- 934 .Mounted within a receptacle [B01L 3/02F]
- 935 **FLUID TRANSFERRING GLASSWARE [B01L 3/00B]**
- 936 .Tubes; conduits [B01L 3/00B2]
- 937 .Joints; seals [B01L 3/00B4]
- 938 .Stopcocks; valves [B01L 3/00B6]
- 939 **CONTAINERS FOR THE PURPOSE OF RETAINING A MATERIAL TO BE ANALYZED [B01L 3/00C]**
- 940 .Made of a rigid material [B01L 3/00C2]
- 941 ..With identification means, e.g., coded [B01L 3/00C2B]
- 942 ..For multiple samples, e.g., micro-titration plate [B01L 3/00C2D]
- 943 ...Specially adapted for heating or cooling samples [B01L 3/00C2D2]
- 944 .Made of a flexible material [B01L 3/00C4]
- 945 ..With identification means, e.g., coded [B01L 3/00C4B]
- 946 .With fluid transport, e.g., multi-compartment structure [B01L 3/00C6]
- 947 ..Using capillary action, including fluid transfer through absorbent matrix [B01L 3/00C6C]
- 948 ..For multiple samples, e.g., multi-well filtration [B01L 3/00C6D]

FOREIGN ART COLLECTIONS

FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE LABORATORY DEVICE**

- FOR 100 .Structured visual or optical indicator, per se (422/55)
- FOR 101 ..Having reagent in absorbent or bibulous substrate (422/56)
- FOR 102 ..Having coated reagent (422/57)
- FOR 103 ..In holder or container having special form (422/58)
- FOR 104 ...Column (422/59)
- FOR 105Having plural-layered material (422/60)
- FOR 106 ..Test package or kit (422/61)
- FOR 107 ..Miscellaneous laboratory apparatus and elements, per se (422/99)
- FOR 108 ..Pipette or other volumetric fluid transfer means (422/100)
- FOR 109 ..Including means for separating a constituent; e.g., filter, condenser, extractor, etc. (422/101)
- FOR 110 ..Container (422/102)
- FOR 111 ..Valve or connector structure (422/103)
- FOR 112 ..Holder, support, housing, or hood (422/104)
- CHEMICAL REACTOR**
- FOR 113 ..Including plural reaction stages (422/188)
- FOR 114 ..And means providing discrete sequential reaction stages; e.g., train, etc. (422/189)
- FOR 115 ...Plural solid, extended surface, fluid contact reaction stages each containing; e.g., inert Raschig rings, particulate sorbent, particulate or monolithic catalyst, etc. (422/190)
- FOR 116Superimposed reaction stages in single reaction chamber (422/191)
- FOR 117At least one reaction stage formed of fixed, annularly shaped bed of contact material and means directing reaction stream therethrough substantially perpendicular to longitudinal axis of bed (422/192)
- FOR 118 ...Reaction stages located within single reaction chamber (422/193)
- FOR 119And means downstream of a stage for internally injecting a reactant into a reaction stream for interreaction in a subsequent stage, or injecting an internal quench stream into reaction stream passing between stages (422/194)
- FOR 120Means within reaction chamber redistributing reaction stream as it passes between adjacent stages (422/195)
- FOR 121 ..Including plural parallel reaction stages with each stage in form of a reaction tube (422/196)
- FOR 122 ...Tubular stages in single reaction chamber (422/197)

