Class 55 is an integral part of this Class (Class 96), as shown by the position of this box, and follows the schedule hierarchy of this Class, retaining all pertinent definitions and Class lines of this class.  282.1
Class 96), as shown by the position of this box, and follows the schedule hierarchy of this Class, retaining all pertinent definitions and Class lines of this class.  282.1
Class 96), as shown by the position of this box, and follows the schedule hierarchy of this Class, retaining all pertinent definitions and Class lines of this class.  282.1
chy of this Class, retaining all pertinent definitions and Class lines of this class.    Contact   Contact
definitions and Class lines of this class.    Secondary   Content   Content
282.1 .Having insulation anipulating means 282.2 .With heating or cooling means 306 AIRCRAFT ANTI-INGESTION MEANS 282.3Residue burned (E.G., AIRCRAFT DEBRIS GUARD) 282.4 .Two confined fluids in indirect contact UNIT DISCONTINUOUS ACROSS GAS 282.5Heat exchanger is part of separator or is contiguous therewith 309 .Multiple members serially spaced in flow conduit  283 .With automatic control of cleaning means 284 .With sequential cleaning of plural units 285Ferris wheel type filter unit arrangement 310 .Pressure relief means to or from arrangement 310 .Pressure relief means to or from means 286With gas flow arresting means atmosphere 287Interconnected with cleaning means media (e.g., ambient air bypasses filter) 288 .Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning 311 .Sal .Cas force responsive separating media 289 .Interdigitated comb and 314 .Shunt means for total flow separating media continuous length separating 315.1 .With heating or cooling means or
282.1 .Having insulation
282.2 With heating or cooling means 306 AIRCRAFT ANTI-INCESTION MEANS 282.3 Residue burned (E.G., AIRCRAFT DEBRIS GUARD) 282.4 Two confined fluids in indirect contact UNIT DISCONTINUOUS ACROSS GAS FILTER OR APERTURED DEFLECTOR UNIT DISCONTINUOUS ACROSS GAS FLOW WITHIN FLOW CONDUIT separator or is contiguous therewith 308 Multiple members serially spaced in flow conduit 283 With automatic control of 309 WITH SEPARATING MEDIA BYPASS OR cleaning means SYSTEM GAS PRESSURE RELIEF (E.G., RUPTURABLE OR DEFORMABLE) 284 With sequential cleaning of plural units DEFORMABLE) 285 Ferris wheel type filter unit 309.1 With heating or cooling means arrangement 310 Pressure relief means to or from atmosphere 286 With gas flow arresting means atmosphere 287 Interconnected with cleaning 311 Relief means is downstream of means 288 Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning 313 Gas force responsive 289 Interdigitated comb and separating media 315 Shunt means for total flow separating media 315 Shunt means for total flow SEPARATING MEDIA With heating or cooling means or continuous length separating 315 With heating or cooling means or
282.3Residue burned
282.4Two confined fluids in indirect contact
contact  282.5Heat exchanger is part of separator or is contiguous therewith  283With automatic control of cleaning means  284With sequential cleaning of plural units  285Ferris wheel type filter unit arrangement  286With gas flow arresting means  287Interconnected with cleaning means  288Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning media  289Interdigitated comb and separating media  280Shunt means for total flow separating media (e.g., ambient air continuous length separating media  280Shunt means for cooling means separating media  281Shunt means for total flow separating media (e.g., ambient air separating media  280Shunt means for cooling means separating media  281Shunt means for total flow separating media (e.g., ambient air separating media  281Shunt means for cooling means or separating media  282Shunt means for cooling means or separating media  283Shunt means for cooling means or separating media  284Shunt means for cooling means or separating media  285Heat exchanger is part of separating media  286With sequential cleaning all separating media  287Therefore is perfectly with the separating media  288Therefore is perfectly with the serial provided means or separating media  289Therefore is perfectly with the serial provided means or separating media  280Therefore is perfectly with the serial provided means or separating media  289Therefore is perfectly with the serial provided means or separating media  280Therefore is perfectly with the serial provided means or separating media  280Therefore is perfectly separating media  280Therefore is perfectly separating media  280Therefore is perfectly separating media  281Therefore is perfectly separating media  281Therefore is perfectly separating means or separating media  280Therefore is perfectly separating means or separating means or separating media  281Therefore is perfectly separatin
282.5Heat exchanger is part of separator or is contiguous therewith separator or is contiguous and media cleaning of separator or is control of some cleaning means separating means system GAS pressure relief (E.G., RUPTURABLE OR DEFORMABLE)  284 With sequential cleaning of plural units performs the sequent sequence of the sequent sequence of the
separator or is contiguous therewith automatic control of cleaning means  284 With sequential cleaning of plural units  285 Ferris wheel type filter unit arrangement arrangement 310 Pressure relief means to or from atmosphere  286 With gas flow arresting means  287 Mith gas flow arresting means atmosphere  288 Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning media separating media 311 Separating means arrangement 312 Separating means Shutdown and media cleaning 313 Separating media 315 Plural Serial BASICALLY DIVERSE Separating Media in flow conduit  309 MITH SEPARATING MEDIA in flow conduit  309 WITH SEPARATING MEDIA in flow conduits  309 WITH SEPARA
therewith  283 .With automatic control of cleaning means  284 .With sequential cleaning of plural units  285Ferris wheel type filter unit arrangement  286With gas flow arresting means  287Interconnected with cleaning means  288 .Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning  289 .Interdigitated comb and separating media  280 .For moving indefinite or continuous length separating  280 .For moving indefinite or cleaning on find flow conduit  309 .With separating media cleaning and system (e.g., Rupturable or System Gas pressure Relief  309 .With separating media and system of the separating media (e.g., Rupturable or Separating media  309 .With heating or cooling means or system Gas pressure Relief  309 .With heating or cooling means or system Gas pressure Relief  309 .With separating media and suppressure relief means to or from atmosphere  310 .Pressure relief means to or from atmosphere  311Relief means is downstream of media (e.g., ambient air bypasses filter)  312 .Valved bypass means  313Gas force responsive  314Shunt means for total flow separating media  315 .PLURAL SERIAL BASICALLY DIVERSE  SEPARATING MEDIA  Continuous length separating 315With heating or cooling means or
cleaning means  284
284 With sequential cleaning of plural units  285 Perris wheel type filter unit arrangement  286 A.With gas flow arresting means  287 A.Interconnected with cleaning means  288 A.Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning  289 A.Interdigitated comb and separating media  289 A.For moving indefinite or continuous length separating  280 A.With sequential cleaning of DEFORMABLE)  309.1 A.With heating or cooling means atmosphere  310 A.Pressure relief means to or from atmosphere  311 A.Relief means is downstream of media (e.g., ambient air bypasses filter)  312 A.Valved bypass means  313 A.Gas force responsive  314 A.Shunt means for total flow separating media  315 PLURAL SERIAL BASICALLY DIVERSE  316 A.With heating or cooling means or
plural units  285
285Ferris wheel type filter unit arrangement 310 .Pressure relief means to or from 286With gas flow arresting means atmosphere 287Interconnected with cleaning means 311Relief means is downstream of means media (e.g., ambient air bypasses filter) 288 .Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning 312 .Valved bypass means shutdown and media cleaning 313Gas force responsive 314Shunt means for total flow separating media 315 PLURAL SERIAL BASICALLY DIVERSE 290 .For moving indefinite or continuous length separating 315.1 .With heating or cooling means or
arrangement 310 .Pressure relief means to or from atmosphere 287Interconnected with cleaning means 311Relief means is downstream of means 288 .Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning 312 .Valved bypass means shutdown and media cleaning 313Gas force responsive 289 .Interdigitated comb and 314Shunt means for total flow separating media 315 PLURAL SERIAL BASICALLY DIVERSE 290 .For moving indefinite or SEPARATING MEDIA 201
286With gas flow arresting means 287Interconnected with cleaning means 288 .Interdependent or interoperated 289 gas flow cutoff or apparatus 310 shutdown and media cleaning 289 .Interdigitated comb and 310 separating media 311 serial basically diverse 312Shunt means for total flow 313 separating media 314Shunt means for total flow 315 plural serial basically diverse 316 separating media 317 separating media 318 separating media 319 separating media 310 separating media 311Shunt means for total flow 312 serial basically diverse 313 separating media 314Shunt means for total flow 315 separating media 316 separating media 317 separating media 318 separating media 319 separating media 310 separating media 310 separating media 311 separating media 312 separating media 313 separating media 314 separating media 315 separating media 316 separating media 317 separating media 318 separating media 319 separating media 310 separating media 310 separating media 310 separating media 310 separating media
287Interconnected with cleaning means is downstream of means means media (e.g., ambient air bypasses filter)  288 .Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning 312Gas force responsive  289 .Interdigitated comb and 314Shunt means for total flow separating media 315 PLURAL SERIAL BASICALLY DIVERSE  290 .For moving indefinite or SEPARATING MEDIA continuous length separating 315.1 .With heating or cooling means or
means media (e.g., ambient air bypasses filter) gas flow cutoff or apparatus shutdown and media cleaning 313Gas force responsive  289 .Interdigitated comb and 314Shunt means for total flow separating media 315Bural SERIAL BASICALLY DIVERSE  290 .For moving indefinite or SEPARATING MEDIA continuous length separating 315.1 .With heating or cooling means or
288 .Interdependent or interoperated gas flow cutoff or apparatus shutdown and media cleaning 313Gas force responsive  289 .Interdigitated comb and 314Shunt means for total flow separating media 315 PLURAL SERIAL BASICALLY DIVERSE  290 .For moving indefinite or SEPARATING MEDIA continuous length separating 315.1 .With heating or cooling means or
gas flow cutoff or apparatus shutdown and media cleaning 313Gas force responsive 289 .Interdigitated comb and 314Shunt means for total flow separating media 315 PLURAL SERIAL BASICALLY DIVERSE 290 .For moving indefinite or SEPARATING MEDIA continuous length separating 315.1 .With heating or cooling means or
shutdown and media cleaning 313Gas force responsive  289 .Interdigitated comb and 314Shunt means for total flow separating media 315 PLURAL SERIAL BASICALLY DIVERSE  290 .For moving indefinite or SEPARATING MEDIA continuous length separating 315.1 .With heating or cooling means or
289 .Interdigitated comb and 314Shunt means for total flow separating media 315 PLURAL SERIAL BASICALLY DIVERSE 290 .For moving indefinite or SEPARATING MEDIA continuous length separating 315.1 .With heating or cooling means or
separating media 315 <b>PLURAL SERIAL BASICALLY DIVERSE</b> 290 For moving indefinite or SEPARATING MEDIA continuous length separating 315.1 With heating or cooling means or
290 .For moving indefinite or SEPARATING MEDIA continuous length separating 315.1 .With heating or cooling means or
continuous length separating 315.1 .With heating or cooling means or
291 .Plural diverse cleaning means 315.2Heat exchanger is part of
292 .Sonic type separator or is contiguous
293 .With separating media therewith
pneumatically vibrated or 317 .At least one mounted for
flexed continuous motion
294 .Relatively movable pneumatic 318 .Plural stages in unitary casing
nozzle (e.g., scanning nozzle) 319Including expansion chamber
295 .Solid agent cleaning member 320Deflector and fibrous,
movingly contacts apparatus filamentary, particulate
296Agent has defined traversing solids, or cohesive sheet
motion relative to separating filter type
media 321Multiple of one type in series
297With motion effecting means of parallel in flow path
interrelated with separating 322 Serially spaced with at least
operation one of other type
298 Gas flow actuates member intermediately positioned
299With resulting flexing or 323Filters
239with resulting frexing of 525fitters
distortion of resilient or 324In parallel

326	With connected trough or	347	Gas inlet and outlet at
	channel		linearly opposite ends of
327	Filter is most upstream		separating zone
328	Movable or movable mounted for	348	Plural gas inflow openings,
320	adjustment or nonuse	313	slots, or whirl vanes in each
220	3		separator
329	Filamentary brush type or	2.4.0	_
	fibrous mass	349	Tangential inlet to each
330	Tubular or annular for radial		separator
	gas flow	350.1	.Filters
331	Conical deflector with curved	351	WITH MEANS FOR ADVANCING CLEAN
	or parabolic radially		PORTIONS OF CONTINUOUS OR
	extending wide downstream end		INDEFINITE LENGTH SEPARATING
332	Cohesive sheet-like filter		MEDIA INTO GAS STREAM
333	Multiple contiguous layers or	352	.Advancing means initiated by
333	2 2		flow, pressure, or pressure
224	coils with radial gas flow		differential of gas
334	Bag type	353	
335	Including imperforate		.Multiple distinct units
	upstream bag end deflector	354	.Indefinite or running length
336	Conical	355	WITH LIQUID TRAP SEAL OR VALVE
337	Cyclone or centrifugal whirl	356	WITH MEANS FACILITATING
	type deflector		TRANSPORTABILITY OR HANDLING
338	WITH RECYCLE MEANS		OF APPARATUS
338.1	.With heating or cooling means	357	.Handle feature for apparatus or
339	For concentrate entrained in		part thereof
333	effluent gas outlet means	358	WITH GROUND SUPPORT MEANS
340	Return conduit is external of		(NONFLOW CONDUCTING)
340	apparatus	359	WITH PORTION OF COVER REMOVABLE
		200	
2/11 1	MIII TOTO DAC TVOD DII TODO IN	360	WITH ELECTRICAL GROUNDING MEANS
341.1	MULTIPLE BAG TYPE FILTERS IN		
	CHAMBER	361	FLEXIBLE OR COLLAPSIBLE BAG TYPE
341.1	CHAMBER .With heating or cooling means or	361 362	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means
341.11	CHAMBER  .With heating or cooling means or having insulation	361 362 363	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag
	CHAMBER .With heating or cooling means or	361 362	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious
341.11	CHAMBER  .With heating or cooling means or having insulation	361 362 363 364	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion
341.11	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside	361 362 363	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious    portion .Bag carried strain relief means
341.11	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter	361 362 363 364	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion
341.11 341.2 341.3	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters	361 362 363 364	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious    portion .Bag carried strain relief means
341.11 341.2 341.3 341.4 341.5	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments	361 362 363 364 365	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious    portion .Bag carried strain relief means    between bag supports
341.11 341.2 341.3 341.4 341.5 341.6	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter  .Modular compartments  .Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber	361 362 363 364 365	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious   portion .Bag carried strain relief means   between bag supports .With separable nonfiltering   residue container
341.11 341.2 341.3 341.4 341.5 341.6 341.7	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter  .Modular compartments  .Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters	361 362 363 364 365	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious   portion .Bag carried strain relief means   between bag supports .With separable nonfiltering   residue container .Valved, self-closing, or
341.11 341.2 341.3 341.4 341.5 341.6	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter  .Modular compartments  .Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH	361 362 363 364 365	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious   portion .Bag carried strain relief means   between bag supports .With separable nonfiltering   residue container .Valved, self-closing, or   apparatus contained bag
341.11 341.2 341.3 341.4 341.5 341.6 341.7	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH DISCRETE AND LONGITUDINALLY	361 362 363 364 365 366 367	FLEXIBLE OR COLLAPSIBLE BAG TYPE .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious   portion .Bag carried strain relief means   between bag supports .With separable nonfiltering   residue container .Valved, self-closing, or   apparatus contained bag   closing means
341.11 341.2 341.3 341.4 341.5 341.6 341.7	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH DISCRETE AND LONGITUDINALLY CONFINED GAS INLET OR OUTLET	361 362 363 364 365	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means .Spaced interior inflow path or
341.11 341.2 341.3 341.4 341.5 341.6 341.7	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH  DISCRETE AND LONGITUDINALLY  CONFINED GAS INLET OR OUTLET  FLOW PATH	361 362 363 364 365 366 367	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means .Spaced interior inflow path or with means modifying gas flow
341.11 341.2 341.3 341.4 341.5 341.6 341.7	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH  DISCRETE AND LONGITUDINALLY  CONFINED GAS INLET OR OUTLET  FLOW PATH  .With heating or cooling means or	361 362 363 364 365 366 367	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports  .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH  DISCRETE AND LONGITUDINALLY  CONFINED GAS INLET OR OUTLET  FLOW PATH	361 362 363 364 365 366 367	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports  .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag  .Closure means other than coupler
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH  DISCRETE AND LONGITUDINALLY  CONFINED GAS INLET OR OUTLET  FLOW PATH  .With heating or cooling means or	361 362 363 364 365 366 367	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag .Closure means other than coupler to flow line for filter or
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH  DISCRETE AND LONGITUDINALLY  CONFINED GAS INLET OR OUTLET  FLOW PATH  .With heating or cooling means or having insulation	361 362 363 364 365 366 367	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag  .Closure means other than coupler to flow line for filter or cover bag
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter  .Modular compartments  .Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH DISCRETE AND LONGITUDINALLY CONFINED GAS INLET OR OUTLET FLOW PATH  .With heating or cooling means or having insulation  .Heat exchanger is part of	361 362 363 364 365 366 367	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag .Closure means other than coupler to flow line for filter or
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH DISCRETE AND LONGITUDINALLY CONFINED GAS INLET OR OUTLET FLOW PATH  .With heating or cooling means or having insulation Heat exchanger is part of separator or is contiguous therewith	361 362 363 364 365 366 367 368 369	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag  .Closure means other than coupler to flow line for filter or cover bag
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342.1 342.1	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter Modular compartments Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH DISCRETE AND LONGITUDINALLY CONFINED GAS INLET OR OUTLET FLOW PATH  .With heating or cooling means or having insulation Heat exchanger is part of separator or is contiguous	361 362 363 364 365 366 367	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag  .Closure means other than coupler to flow line for filter or cover bag  .Use position residue removal
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342.1 342.1	CHAMBER  .With heating or cooling means or having insulation  .Gas flow from inside to outside of filter  .Modular compartments  .Horizontally mounted filters  .Modular compartments  .Partitioned bag filter chamber  .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH  DISCRETE AND LONGITUDINALLY  CONFINED GAS INLET OR OUTLET  FLOW PATH  .With heating or cooling means or having insulation  .Heat exchanger is part of separator or is contiguous therewith  .Combined serial and parallel arrangement	361 362 363 364 365 366 367 368 369	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag  .Closure means other than coupler to flow line for filter or cover bag  .Use position residue removal means
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342.1 342.1	CHAMBER  .With heating or cooling means or having insulation .Gas flow from inside to outside of filterModular compartmentsHorizontally mounted filters .Modular compartments .Partitioned bag filter chamber .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH DISCRETE AND LONGITUDINALLY CONFINED GAS INLET OR OUTLET FLOW PATH .With heating or cooling means or having insulationHeat exchanger is part of separator or is contiguous therewith .Combined serial and parallel arrangement .With flow equalizing,	361 362 363 364 365 366 367 368 369 370 371	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag  .Closure means other than coupler to flow line for filter or cover bag  .Use position residue removal means Inner filter bag removal
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342.1 342.1	CHAMBER  .With heating or cooling means or having insulation .Gas flow from inside to outside of filterModular compartmentsHorizontally mounted filters .Modular compartments .Partitioned bag filter chamber .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH     DISCRETE AND LONGITUDINALLY     CONFINED GAS INLET OR OUTLET     FLOW PATH .With heating or cooling means or having insulationHeat exchanger is part of separator or is contiguous therewith .Combined serial and parallel arrangement .With flow equalizing, controlling, or distributing	361 362 363 364 365 366 367 368 369 370 371 372	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag  .Closure means other than coupler to flow line for filter or cover bag  .Use position residue removal means Inner filter bag removal .With additional nonbag type filter
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342.2 342.1 342.2	CHAMBER  .With heating or cooling means or having insulation .Gas flow from inside to outside of filterModular compartmentsHorizontally mounted filters .Modular compartments .Partitioned bag filter chamber .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH     DISCRETE AND LONGITUDINALLY     CONFINED GAS INLET OR OUTLET     FLOW PATH .With heating or cooling means or having insulationHeat exchanger is part of separator or is contiguous therewith .Combined serial and parallel arrangement .With flow equalizing, controlling, or distributing means	361 362 363 364 365 366 367 368 369 370 371 372 373	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports  .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag  .Closure means other than coupler to flow line for filter or cover bag  .Use position residue removal means Inner filter bag removal .With additional nonbag type filter .Housing closure secures bag
341.11 341.2 341.3 341.4 341.5 341.6 341.7 342.2 342.1 342.2 343 344	CHAMBER  .With heating or cooling means or having insulation .Gas flow from inside to outside of filterModular compartmentsHorizontally mounted filters .Modular compartments .Partitioned bag filter chamber .Horizontally mounted filters  MULTIPLE SEPARATORS, EACH WITH     DISCRETE AND LONGITUDINALLY     CONFINED GAS INLET OR OUTLET     FLOW PATH .With heating or cooling means or having insulationHeat exchanger is part of separator or is contiguous therewith .Combined serial and parallel arrangement .With flow equalizing, controlling, or distributing means .Centrifugal	361 362 363 364 365 366 367 368 369 370 371 372	FLEXIBLE OR COLLAPSIBLE BAG TYPE  .With bag ejecting means .Toroidal or annular bag .Impervious bag with pervious portion  .Bag carried strain relief means between bag supports .With separable nonfiltering residue container  .Valved, self-closing, or apparatus contained bag closing means  .Spaced interior inflow path or with means modifying gas flow in bag  .Closure means other than coupler to flow line for filter or cover bag  .Use position residue removal means Inner filter bag removal .With additional nonbag type filter
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375	Flexible conduit joins line to bag	406	.Differentially deflected system fluid constituents
376	Coupling part inseparable from	407	Concentrate flow groove, guide,
0.00	bag	400	or channel on moving member
377	Resilient or expansible	408	Separated gas conducted axially
378	.With securing or supporting	400	through rotating member
270	means	409	Hollow shaft
379	Bag internally supported	410	WITH SEPARATED GAS OUTFLOW
380	.Nested bags or folded wall with		CONTROL (E.G., APERTURED CONDUIT)
2.01	spaced or unsecured faces	110 1	•
381	.Seaming, reinforcing or bag	410.1 411	.With heating or cooling means
200	structure		.Movable gas outlet conduit
382	Multi-ply, strata, or laminated	412	Longitudinal
383	WITH REMOTE FAN OR PUMP AND	413	.Baffle or flow guide
205 4	UNCONFINED FLOW TO SEPARATOR	414	Within or downstream of gas
385.1	COMBINED OR CONVERTIBLE	44 =	outlet conduit
385.2	.In environmental air enclosure	415	Movable baffle of flow guide
385.3	.In motor vehicle	416	Flow straightener
385.4	.In vented container	417	.Valve
385.5	.Involving mining or	418	WITH INFLOW GAS CONTROL OR
	metallurgical apparatus		DISTRIBUTION
385.6	.Involving communication	418.1	.With heating or cooling means or
	receiving or transmitting		having insulation
	apparatus	419	.Multiple inlets
385.7	.Involving shielding apparatus	420	.Check valve
385.8	.Involving ash tray	421	WITH MEANS FOR LIQUID SEPARATION
391	RESTRICTED ANNULAR MIXTURE INLET	422	SEPARATING MEDIA ADJUSTABLE TO
3 J I		122	
331	TO COLLECTOR ZONE AROUND GAS	122	VARIOUS POSITIONS OF USE OR TO
	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE		VARIOUS POSITIONS OF USE OR TO NONUSE
392	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING	423	VARIOUS POSITIONS OF USE OR TO NONUSE MEANS WITHIN GAS STREAM FOR
	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER		VARIOUS POSITIONS OF USE OR TO NONUSE MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO
392	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM	423	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR
392 392.1	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means		VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR RE-
392 392.1 393	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment	423 424	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR RE-ENTRAINMENT PREVENTING MEANS
392 392.1	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier	423	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR RE-ENTRAINMENT PREVENTING MEANS  .Closure between separating and
392.1 393.394	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituent	423 424 425	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR RE-ENTRAINMENT PREVENTING MEANS  .Closure between separating and collecting zones
392 392.1 393	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue	423 424	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR REENTRAINMENT PREVENTING MEANS  .Closure between separating and collecting zones  .Baffle intermediate concentrate
392.1 392.1 393 394 395	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacle	423 424 425	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR REENTRAINMENT PREVENTING MEANS  Closure between separating and collecting zones  .Baffle intermediate concentrate collector zone and gas outlet
392.1 393.394	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas	423 424 425 426	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR RE-ENTRAINMENT PREVENTING MEANS  Closure between separating and collecting zones  .Baffle intermediate concentrate collector zone and gas outlet conduit
392.1 392.1 393 394 395 396	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow path	423 424 425 426	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR RE-ENTRAINMENT PREVENTING MEANS  Closure between separating and collecting zones  .Baffle intermediate concentrate collector zone and gas outlet conduit Adjustably mounted
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392.1 392.1 393 394 395 396 397 398	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced	423 424 425 426 427 428	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR REBUTRAINMENT PREVENTING MEANS  Closure between separating and collecting zones  Baffle intermediate concentrate collector zone and gas outlet conduit  Adjustably mounted  RESIDUE ACCESS, HANDLING OR REMOVING MEANS
392.1 393.3 394 395 396 397 398 399	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituent .And separable residue receptacle .Annular outlet around gas outflow path .Spaced, overlapped walls .Plural, angularly spaced .Spiral guide	423 424 425 426 427 428 428.1	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR REBUTRAINMENT PREVENTING MEANS  Closure between separating and collecting zones  Baffle intermediate concentrate collector zone and gas outlet conduit  Adjustably mounted  RESIDUE ACCESS, HANDLING OR REMOVING MEANS  With heating or cooling means
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392.1 393.3 394 395 396 397 398 399 400 401 402	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separatorsPlural moving separators	423 424 425 426 427 428 428.1 429 430	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR REBUTRAINMENT PREVENTING MEANS  Closure between separating and collecting zones  Baffle intermediate concentrate collector zone and gas outlet conduit  Adjustably mounted  RESIDUE ACCESS, HANDLING OR REMOVING MEANS  With heating or cooling means  Separable collection container  With means effecting or assisting discharge of residue (e.g., endless belt)  Gaseous or liquid  With movable or manipulable means controlling escape of residue
392.1 393.3 394 395 396 397 398 399 400 401 402 403	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separatorsPlural moving separators serially arranged	423 424 425 426 427 428 428.1 429 430 431 432	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR REBUTRAINMENT PREVENTING MEANS  Closure between separating and collecting zones  Baffle intermediate concentrate collector zone and gas outlet conduit  Adjustably mounted  RESIDUE ACCESS, HANDLING OR REMOVING MEANS  With heating or cooling means  Separable collection container  With means effecting or assisting discharge of residue (e.g., endless belt)  Gaseous or liquid  With movable or manipulable means controlling escape of residue  Manually actuated
392.1 393.3 394 395 396 397 398 399 400 401 402 403	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separatorsPlural moving separators serially arranged .Moved by system fluid in	423 424 425 426 427 428 428.1 429 430 431 432	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR REBUTRAINMENT PREVENTING MEANS  Closure between separating and collecting zones  Baffle intermediate concentrate collector zone and gas outlet conduit  Adjustably mounted  RESIDUE ACCESS, HANDLING OR REMOVING MEANS  With heating or cooling means  Separable collection container  With means effecting or assisting discharge of residue (e.g., endless belt)  Gaseous or liquid  With movable or manipulable means controlling escape of residue  Manually actuated  DEFLECTOR
392.1 393.3 394 395 396 397 398 399 400 401 402 403 404	TO COLLECTOR ZONE AROUND GAS OUTLET CONDUIT ATTACHED BAFFLE WITH GUIDE MEANS EFFECTING REMOVAL OF CONSTITUENT LAYER OUT OF GAS STREAM .With heating or cooling means .Movably mounted for adjustment .At escape means for heavier constituentAnd separable residue receptacleAnnular outlet around gas outflow pathSpaced, overlapped wallsPlural, angularly spaced .Spiral guide MOUNTED OR SUPPORTED FOR CONTINUOUS MOTION .Plural distinct separating media or stagesOverlapping moving separatorsPlural moving separators serially arranged .Moved by system fluid in confined flow path	423 424 425 426 427 428 428.1 429 430 431 432	VARIOUS POSITIONS OF USE OR TO NONUSE  MEANS WITHIN GAS STREAM FOR CONDUCTING CONCENTRATE TO COLLECTOR  WITH CONCENTRATE BACKFLOW OR REBUTRAINMENT PREVENTING MEANS  Closure between separating and collecting zones  Baffle intermediate concentrate collector zone and gas outlet conduit  Adjustably mounted  RESIDUE ACCESS, HANDLING OR REMOVING MEANS  With heating or cooling means  Separable collection container  With means effecting or assisting discharge of residue (e.g., endless belt)  Gaseous or liquid  With movable or manipulable means controlling escape of residue  Manually actuated

434.3	Two confined fluids in indirect contact	458	Inflow pipe projects within casing
434.4	Heat exchanger is part of separator or is contiguous	459.1	Tangential gas inlet opening in casing
	therewith	459.2	
425			Inclined inflow
435	.Wear liners or surface	459.3	Scroll
	characteristics (e.g., anti-	459.4	Inflow nozzle or vane
	erosion)	459.5	Varying inlet area
436	.Removably supported deflector	460	With tangential gas outlet
	surface	461	Continuous confined flow path
437	.With gas pump or fan	462	.Impingement baffle
438	Within separator	463	Conical with apex facing
439	Downstream of separator		upstream
440	.Parallel and continuous	464	Corrugated, ribbed, crimped, or
	nonplanar members (e.g.,	404	with projections
	crimped, corrugated, curved)	465	Planar
441	.Concentric, nested conduits with		
441	closed and open ends for flow	466	WITH SEPARATED NONGASEOUS
	reversal		MATERIAL CONDUCTING OR TREATING MEANS
442	.Plural deflectors overlapped and	467	WITH GAS FLOW EFFECTING MEANS
	spaced serially in gas flow	467.1	.With heating or cooling means
443	Plural deflectors in row across	468	3
-	gas flow		.Injector or jet pump type
444	Deflectors in alternate rows	469	.Manual, weight, or traction
111	aligned (i.e., staggered)	450	operated gas pump
445	Deflectors apertured or closely	470	.Plurality of impellers arranged
443	-		in parallel or performing
116	spaced from flow path wall		diverse functions
446	Space or aperture opposed by	471	.Impeller within or proximate to
	solid deflector surface		space encompassed by
447	.Fixed gas whirler or rotator		separating media
	means	472	.Upright or multichambered casing
448	With outlet gas conduit wall	473	.Impeller upstream of separating
	common to surrounding gas		media
	inlet or concentrate outlet or	474	WITH PARTICULATE SOLIDS MOVEMENT
	collector		DURING USE OR AGITATING MEANS
449	Gas inlet and outlet have		THEREFOR
	common wall	475	WITH MEANS ADJUSTABLE TO CONTROL
450	With outlet from collector	475	COMPACTNESS OF SEPARATING
451	Tangential outlet pipe		
452	With plural concentrate outlets	176	MEDIA
452	in arcuate, axially extending	476	WITH MEANS INTRODUCING GAS INTO
	whirl chamber wall	4.5.5	MIDST OF SEPARATING MEDIA
452		477	STRANDS OR BRISTLES WITH
453	With concentrate outlet means		UNSUPPORTED OR FREE
	in one of parallel plates		EXTREMITIES (E.G., BRUSH TYPE)
	mounting spaced whirler vanes	478	WITH SEPARATE FLOW LINE ACCESS
454	With tangential concentrate		MEANS OR FILTER MEDIA PASSAGE
	outlet pipe		MEANS OFFSET TO FLOW PATH
455	Plural nonradial gas passages	479	.For discrete filter particles
	in peripheral wall (e.g.,	480	.Access means is clamping or
	tuyere)		coupling means for unit filter
456	Helical vane or baffle within		media
	flow conduit	481	.Unit transversely slidable
457	Between gas flow path wall and		through flow path
	central core		

482	TWO OR MORE SEPARATORS (E.G., SPACED FILTERS IN FLOW LINE OR	509	Distorted media in flow line or resilient retaining means
482.1 483	CASING) .With heating or cooling means .With framework for edge to edge	510	Annular unit held between dished or plate-like end members for top and bottom
	relation	E4.4	support
484	.Spaced for parallel flow of gas	511	Edge supported or secured only
485	.Three or more serially spaced	512	.Discrete fibrous or particulate solids
486	.Plies or layers of different	513	
400	characteristics or orientation		Resilient securing means
487	Differing mesh sizes	514	Fused or bonded to a supporting
488	Variation in shape or size	E1 E	or backing member
489	Orientation of elements	515	Foraminous container
490	WITH MEANS SECURING OR RETAINING	516	Held between openwork
400 1	SEPARATING MEDIA	517	Between telescoped or
490.1	.With heating or cooling means	F10	nonplanar retainers
490.2	Two confined fluids in indirect	518	Between perforated plates
	contact	519	Between reticulated end
491	.Fastening means pierces or	<b>500</b>	closures
	penetrates media	520	SPIRAL FILTER MEDIA
492	.Internal frame or support means	521	ZIGZAG, CORRUGATED, OR CONICAL
493	.Hinged or pivoted retainer or	522	SPECIFIC MEDIA MATERIAL
	clamp on backing frame or in	523	.Ceramic or sintered
	flow line	524	.With coating, impregnant, or
494	.Grid or tray type for bottom		bonding agent
	support only	525	.Metal mesh or expanded material
495	.Unit or cohesive sheet-like	526	Wadded or compressed
	media in flow line or frame	527	.Fibrous or strand form
496	With adjustable connector or	528	Organic (e.g., vegetable)
	size adjusting means	529	MISCELLANEOUS (E.G., SHAPES)
497	Edge supporting or securing		
	means for nonplanar sheet form		
400	filter (e.g., zigzag)		
498	Spiral or cylindrical	<u>FOREIGN</u>	ART COLLECTIONS
499	With additional transversely		
E O O	arranged members	FOR 000	CLASS-RELATED FOREIGN DOCUMENTS
500	Flexible sheet type maintained		
501	in nonplanar configuration		
301	With additional support means not positively engaged or		
	joined to media (e.g., across	DIGESTS	·
	face of filter)		
502	Gasket or sealing means	DIG 1	GRADUATED ELECTROSTATIC FIELD
503	Media within joinable or	DIG 2	VACUUM CLEANER BAGS
505	separable flow line sections	DIG 3	VACUUM CLEANER
504	Aligned stop, media and	DIG 5	METHODS OF MAKING FILTER
304	removable retainer	DIG 6	MAGNETIC COUPLINGS
505	Flow line end coupling (e.g.,	DIG 7	BLACK LIQUOR TREATMENT
505	pipe end)	DIG 8	BUILT-IN VACUUM CLEANERS
506	Flange or track on flow line	DIG 9	RADIOACTIVE FILTERS
300	for slidably retaining media	DIG 10	RESIDUE BURNED
507	Resilient attaching means	DIG 12	POCKET TYPE FILTER
508	Suspended or supported by	DIG 13	POLYURETHANE FILTERS
500	bracket or from top of frame	DIG 14	INERTIA SEPARATOR
	1230.100 01 110.11 cop 01 110.110	DIG 15	COLD TRAPS

- DIG 17 COMPRESSED AIR WATER REMOVAL
- DIG 18 WORK BENCH
- DIG 19 CRANKCASE VENTILATION
- DIG 20 SPARK ARRESTER
- DIG 21 SILENCER CLEANER
- DIG 23 STEAM SEPARATORS
- DIG 24 VISCOUS COATED FILTER
- DIG 25 **AGGLOMERATORS**
- DIG 26 BAG COUPLING
- DIG 27 CLEANERS, LIQUID
- DIG 28 CARBURETOR ATTACHED
- DIG 29 AIR CURTAINS
- DIG 30 EXHAUST TREATMENT
- DIG 31 FILTER FRAME
- DIG 32 GASEOUS FLUID CONVEYING
- DIG 33 GAS MASK CANISTER
- DIG 34 INDICATOR AND CONTROLLERS
- DIG 35 RESPIRATORS AND REGISTER FILTERS
- DIG 36 KITCHEN HOODS
- DIG 37 LOUVERS
- DIG 38 TUBULAR COLLECTOR ELECTRODE
- DIG 39 ELECTRETS SEPARATOR
- DIG 42 FOAM FILTER MATERIALS
- DIG 43 KNITTED FILTER MEDIUMS
- DIG 44 PILE AND PILE-TYPE FILTER MEDIUMS
- DIG 45 WOVEN FILTER MEDIUMS
- DIG 46 SPRAY BOOTHS