1	PROCESSES	36	.Succeeding receiver advanced to
1.1	.Battery grid pasting		filling position
2	.Filling dispensers	37	DIVERSE FLUID CONTAINING PRESSURE
3	Aerosol or gas-charged type		FILLING SYSTEMS INVOLVING
4	. Gas or variation of gaseous		RECEIVER GAS CONTENT
T	condition in receiver		MODIFICATION
5	With filling with fluent non-	38	.Tire inflation
5	gaseous materials	39	.Filling means controlled by gas
6	Counter-pressure type		condition in receiver
7	With evacuation of container	40	Control by level in filled
8	Vacuum		receiver
9	.Plural materials	41	Air pump external to flow line
10	.Bag filling	42	Float controlled vacuum line
11	.With material treatment		cut-off
12	Compacting	43	Vacuum line vented to
13	MODIFICATION OF FILLING CYCLE IN		atmosphere
	STARTING AND STOPPING	44	.Gas and other material
14	SIPHON BOTTLE CHARGING		separating passage or chamber
	ARRANGEMENTS	45	Material returned to supply
15	.For receiver with diverse	46	.System fluid used in seal or in
	filling opening		valve or lift operation
16	.With plural heads, stations or	47	.Gas control or supply varied,
	materials		shifted or supplemented during
17	.With gas capsule supporting or	4.0	cycle
	manipulating means	48	Gas cycle for pre-treatment of
18	FILLING OR REFILLING OF	4.0	receiver or contents material
	DISPENSERS	49	Plural or diverse gassing and/
19	.With cutter or punch for gas	50	or filling cycles
	pressure cartridge	50	Shifted to vent or fill pipe
20	.Aerosols	ΣI	.Gas condition control in housing for receiver
20.5	.Coating-implement-type receiver	52	.With separate storage of gas
21	.By operation of means causing or	JZ	displaced from receiver
	controlling dispensing	53	With receiver vent to measuring
22	Removable dispenser is supply	33	trap
	container closure	54	.With plural diverse passages for
23	Expansible chamber dispenser	0 -	gas to receiver or head
24	Resilient wall	55	Vent to drain fill pipe
25	Expansible chamber of fluid	56	Three or more
	pressure applying or	57	Receiver vented to atmosphere
0.6	controlling means		before separation (e.g.,
26	Dispenser carried expansible		snift)
0.7	chamber pump	58	Constant bleed
27	Container with follower	59	.Filling with exhausting the
28	Container mounted jet pump		receiver
29	.Closure type with manually controlled vent	60	Receiver coupling comprises
31	CAPILLARY TYPE		movable pump element
32	BATTERY GRID PASTING	61	Vacuum cut-off before filling
33	Separate sources applied to	62	.With lateral travel of
55	opposite sides		registering head and receiver
34	CENTRIFUGAL FILLING	63	.Gas treatment
35	PLURAL CONNECTED RECEIVERS FILLED	64	Of filled receiver
55	BY SERIAL FLOW	65	EVACUATION APPARATUS
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141 - 2 CLASS 141 FLUENT MATERIAL HANDLING, WITH RECEIVER OR RECEIVER COACTING MEANS

67	FLUENT CHARGE IMPELLED OR FLUID		receiver
	CURRENT CONVEYED INTO RECEIVER	104	.Selectively utilized sources
68	.Valve bag type	105	.With common discharge
69	WITH MATERIAL TREATMENT	106	Dumping or draining
70	.With fluid contact (e.g.,	107	With mingling in or successive
	jetting)		path through trap
71	.Compacting	108	SCOOP TYPE FILLER WITH ASSOCIATED
72	Agitation of head and receiver		RECEIVER
73	Compacting material in receiver	109	.Receiver within scoop or
74	Agitation		inserter
75	Of suspended receiver	110	ABSORPTION AND/OR IMMERSION
76	Valve bag chair	111	.With handling means for receiver
77	With distortion of or impact	112	.Receiver secured to supply
	on receiver side walls		closure
78	Agitating means associated	113	RECEIVER FILLED THROUGH BOTTOM OR
	with receiver conveyer		WHILE INVERTED
79	Rotary conveyer	114	WITH MANIPULATION OF FLEXIBLE OR
80	In filled receiver		COLLAPSIBLE RECEIVER OR SUPPLY
81	With contraction of trap to	115	DRIP PREVENTION BY FLOW REVERSING
	form charge		AND/OR OVERFILL REMOVAL
82	.Heating or cooling	116	.By means reversing direction of
83	WITH TESTING OR WEIGHING RECEIVER		flow
	CONTENT	117	Expanding chamber in disengaged
84	CONVERTIBLE		head
85	WITH SOIL REMOVING, COATING,	118	By tilting receiver and
	LUBRICATING, STERILIZING AND/	440	adjoined filler
	OR DRYING	119	Interconnected supply valve
86	.Drip collection		cut-off and vacuum control
87	Collector shiftable to non-use	120	Siphonic return to supply
	position	121	.Separate removal station
88	Collector associated with	122	With subsequent filling
	receiver support	123	Combined displacement
89	.With cleaning, coating or drying	101	receptacle and vacuum means
0.0	means	124	Receiver tilting or inverting
90	Nozzle cleaner	405	means
91	Treatment by fluids	125	Wiping, scraping or spatulating
92	Pre-treatment of receiver	100	means (e.g., trimming)
93	.Suction hoods and off-takes	126	.Simultaneous filling and
94	WITH SIGNAL, INDICATOR, RECORDER,	107	removing
0.5	INSPECTION MEANS OR EXHIBITOR	127	Double acting or plural pumps
95	Level or pressure in receiver	128	DRIBBLE OR REDUCED FLOW AT END OF
96	Hose nozzle or faucet mounted	100	CYCLE
97	WITH GUARD OR SCREEN FOR OPERATOR	129	WITH CONVEYING MEANS TO SUPPLY
98	COMBINED	120	SUCCESSIVE RECEIVERS
99	PLURAL DIVERSE FILLING LINES	130	.Sampler type
100	PLURAL MATERIALS, MATERIAL	131	.Continuous flow type
	SUPPLIES OR CHARGES IN A	132	Receivers with overlapping
4.04	RECEIVER	122	flanges or apertured shields
101	.Lateral travel of registering	133	Receiver carrier forms moving
	head and receiver		support for supply
100		1 2 4	*****
102	.Plural charges from the same source	134	With spaced receivers and redirected flow

135	.With lateral motion of	169	Plural receiver lines to or
136	registering head and receiverBodily lifted or swinging	170	from singleLateral shift at filling
100	siphon filling means	1.0	station between parallel
137	Laterally reciprocating head or		receiver paths
	trap	171	With change in receiver
138	Interrupted or irregular cycle		orientation
139	Automatic control by contents	172	With lifting or lowering means
	material		for receiver for filling
140	No can - no fill	173	With receiver dispenser
141	Power control by receiver	174	Cup-type dispenser
142	Cam track switching	175	Reciprocating discharge means
143	Vertical axis trigger		and receiver guideway
144	Rotary set of heads	176	Conveyer with relatively
145	Common vertical axis for		movable receiver discharge
	conveyer	100	means
146	With vertically reciprocating	177	.Nozzle, guide or conveyer
	plunger or valve piston for	178	adjustable to receiver size
1 4 7	each head	1/0	.Successive groups or non- sequential filling of a
147	With cam or abutment operated valve or head		receiver series
148	With lift means for receiver	179	From a single uniform line of
149	With additional cushion or	115	receivers
147	yielding lift	180	.Continuously moving conveyer
150	Cam lift or lowered movement		with receiver stop
151	Manually placed receivers	181	.With head, manifold or supply
152	Adjustable to receiver size		lowering means
153	.Automatic control of filling	182	Separate movable or removable
200	cycle by contents material		sleeve or funnel supply
154	Receiver with asymmetrical or		terminal
	flap closed inlet	183	.With interconnected contents
155	.Safety-stop or non-operating		discharge means
	interlock between supply and	184	With predetermined number of
	conveyers		cycles
156	.Fill triggered by receiver	185	Single group filled by rows
157	Individual receiver controls	186	Plural lines
	the filling cycle therefor	187	With contents gripping or
158	Charge-forming prevention or	100	penetrating discharge means
	charge disposal	188	With valve period adjustment
159	Power control by receiver	189	By contact with conveyer
160	Servo-system	190	projection
161	Clutch control	191	Ratchet drive for conveyerCam and gear drives
162	Power derived from lateral	191	AUTOMATIC CONTROL OF FLOW CUTOFF
1.60	motion of receiver	192	OR DIVERSION
163	.Horizontal axis conveyer	193	Responsive to relative recession
164	Receiver supported on side during filling	193	of supply means and receiver
165			engaging means
103	.With relatively movable receiver grip or centering means	194	Ejection or release of filled
166	Bag type receiver	_	receiver
167	Bag type receiver .With variable rate of receiver	195	Discharge assistant control by
10/	travel in cycle		filled receiver
168	.Conveyer with additional	196	.Control by test receiver or
	receiver conveying or		chamber or by filled preceding
	manipulating means		receiver
	=		

141 - 4 CLASS 141 FLUENT MATERIAL HANDLING, WITH RECEIVER OR RECEIVER COACTING MEANS

400			
197	.In gas filled receivers	233	Track on receiver supporting
198	.Level or overflow responsive		means
199	Funnel type closed by float	234	PLURAL FILLING MEANS
200	Valve latched in open position	235	.Adjustable lateral spacing of
201	Normally open with closed		heads or receivers
	position holding means	236	.Diverse flow manifold
202	Plural series valves	237	.For plural receivers
203	Valve stem accessible at top		simultaneously filled
	of funnel	238	Supply apportioned prior to
204	\ldots Single valve and float stem		delivery
205	Pivoted valve	239	Tilting tray or trough means
206	Manually initiated valve with both manual and level cut-off	240	Grid or cellular insert type divider
	controls	241	Inverted for discharge to
207	With receiver positioned		receivers
	interlock	242	With discharge means
208	With nozzle dislodgment valve trip means	243	With means for selective operation
209	Manual control disabler or	244	Manifold or divider
	disconnect	245	Displacement type
210	Separate controls for plural	246	With receiver ejecting and/or
	series liquid flow line valves		accommodating means
211	Self-opening valve	247	.Aids to manual filling
212	Float initiates closing	248	.Alternating
	control	249	WITH CHARGE FORMING MEANS
213	Float arm operated valve		CONTRACTING TRANSVERSELY TO
214	Pressure initiated closing		FLOW PATH
	control	250	WITH MEANS TO MOVE SUPPLY MEANS
215	Liquid back pressure		AND/OR RECEIVER TO, FROM OR
	completes closing		DURING FLOW RELATION
216	Float operated valve	251	.Relatively receding discharge
217			
211	Diverse controls for single valve		assistant and receiver engaging means
218	· ·	252	
	valve	252 253	engaging means
218	valveValve latched open	_	engaging meansWith external form for receiver
218 219	valveValve latched openElectromagnetic trip	_	engaging meansWith external form for receiverWith lift or power drive for
218 219 220	valveValve latched openElectromagnetic tripFloat controlled trip means	253 254	<pre>engaging meansWith external form for receiverWith lift or power drive for receiver support</pre>
218 219 220	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level	253	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot
218 219 220 221	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver	253254255	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tube
218 219 220 221 222	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting means	253 254	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during
218 219 220 221 222	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing	253254255256	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)
218 219 220 221 222 223	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing valve to closeReciprocating valveAir displacement trip means	253254255	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)Receding receiver support or
218 219 220 221 222 223 224	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing valve to closeReciprocating valve	253254255256	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)
218 219 220 221 222 223 224 225	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing valve to closeReciprocating valveAir displacement trip meansBy response to receiver	253254255256257	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)Receding receiver support or engaging meansAxially reciprocating discharge assistantRotatable reciprocating
218 219 220 221 222 223 224 225 226	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing valve to closeReciprocating valveAir displacement trip meansBy response to receiver pressure increaseExternal initiator as second	253254255256257258259	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)Receding receiver support or engaging meansAxially reciprocating discharge assistantRotatable reciprocating discharge assistant
218 219 220 221 222 223 224 225 226	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing valve to closeReciprocating valveAir displacement trip meansBy response to receiver pressure increaseExternal initiator as second diverse control	253254255256257258	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)Receding receiver support or engaging meansAxially reciprocating discharge assistantRotatable reciprocating discharge assistantReciprocating filling tube
218 219 220 221 222 223 224 225 226 227 228	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing valve to closeReciprocating valveAir displacement trip meansBy response to receiver pressure increaseExternal initiator as second diverse controlSeries flow line valves	253 254 255 256 257 258 259 260	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)Receding receiver support or engaging meansAxially reciprocating discharge assistantRotatable reciprocating discharge assistantReciprocating filling tube type discharge assistant
218 219 220 221 222 223 224 225 226 227 228 229	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing valve to closeReciprocating valveAir displacement trip meansBy response to receiver pressure increase .External initiator as second diverse controlSeries flow line valvesFloat control cut-off	253254255256257258259	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)Receding receiver support or engaging meansAxially reciprocating discharge assistantRotatable reciprocating discharge assistantReciprocating filling tube type discharge assistantWith synchronized intermittent
218 219 220 221 222 223 224 225 226 227 228 229	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing valve to closeReciprocating valveAir displacement trip meansBy response to receiver pressure increaseExternal initiator as second diverse controlSeries flow line valvesFloat control cut-off WITH SIPHON FLOW CONTROL BY	253 254 255 256 257 258 259 260	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)Receding receiver support or engaging meansAxially reciprocating discharge assistantRotatable reciprocating discharge assistantReciprocating filling tube type discharge assistant
218 219 220 221 222 223 224 225 226 227 228 229 230	valveValve latched openElectromagnetic tripFloat controlled trip meansWith sensitivity or level adjustmentAdjustable receiver engaging or coacting meansWith spring means biasing valve to closeReciprocating valveAir displacement trip meansBy response to receiver pressure increaseExternal initiator as second diverse controlSeries flow line valvesFloat control cut-off WITH SIPHON FLOW CONTROL BY EQUALIZED LEVELS PORTABLE SYSTEMS OR TRACK MOUNTED	253 254 255 256 257 258 259 260 261	engaging meansWith external form for receiverWith lift or power drive for receiver supportReceiver support bias varied with position of supportWith feeder and additional flow modifier or retarder at foot of fill tubeContinuous feeding during filling (e.g., rotary auger)Receding receiver support or engaging meansAxially reciprocating discharge assistantRotatable reciprocating discharge assistantReciprocating filling tube type discharge assistantWith synchronized intermittent supply (e.g., check valve)

263	Relatively receding filling tube and receiver engaging means	292	Valve operator interconnected with receiver inlet engaging
264	With flow stop or severer at foot of fill tube	293	meansPlural valves operated
265	.With means to separate filled	294	With mechanical or lost
	receiver and internal form	0.05	motion connection
266	.With adjustable movable	295	Concentric open vent
0.65	component	296	Biased coaxial valve stem and
267	.Unitary receiver support and	0.00	nozzle
0.50	flow controller	297	.Funnel type
268	Rotary or oscillating	298	Concentric vent forms valve
269	.With clamp for receiver	0.00	stem
	interconnected with movable	299	Concentric external vent
0.00	head or lift	300	Vent extends along wall to top
270	.Both supply means and receiver	301	.With valve
071	support having movement	302	Plural valved passages
271	.Swinging support for receiver	303	Float operated vent cut-off
272	Tilting type support for	304	Swingable nozzle operated
	separating receiver from	0.05	liquid supply valve
273	filling headInversion of receiver	305	Rigidly interconnected or intergral valves
274	Receiver with gravity operated	306	Gravity seated inversion
	valve	300	opened valve
275	.Receiver lift or lower for	307	With trap or chamber in vent
0.5.6	filling		passage
276	With interconnected external	308	Air vent to supply cut-off by
0.00	means to control discharge		liquid in receiver
277	Fluid operated lift	309	.With air inlet to liquid supply
278	Yielding lift	310	.Passage formed by head and
279	.With movable support for hose		receiver spacing means
200	connected head or supply	311 R	FILLING MEANS WITH RECEIVER OR
280	.Scraping or leveling by lateral		RECEIVER COACTING MEANS
	relative movement of supply	312	.Extensible or expansible
201	means and receiver		inserted coupler or centering
281	.With means for manipulating a	242	means for receiver
	filled receiver for separation	313	.Flexible or collapsible receiver
282	from head or support	314	With bag or liner securing
	From an external form	245	means
283	.With movement of receiver in	315	Valve bag clamp and/or chair
284	horizontal plane	316	With inserted or external form
	.Movably mounted supply		for bag
285	MULTIPLE PASSAGE FILLING MEANS	317	With flow controlling means
286	FOR DIVERSE MATERIALS OR FLOWS .With baffle, spreader,	318	.Filling by retracting receiver or cartridge
200	displacer, drip ring, filter	319	.Manually coupled and inverted
	or screen	320	With discharge assistant, trap
287	.With gas expanded seal	320	or valve
288	.Adjustable outlet element	321	Receiver operated supply
	controls level	221	
289		322	discharge means or controllerCombined supply closure and
	. Vent laterally Shirtable		
290	.Vent laterally shiftable .With flue or vent externally	522	
290	.With flue or vent externally		trap
290 291		323 324	

141 - 6 CLASS 141 FLUENT MATERIAL HANDLING, WITH RECEIVER OR RECEIVER COACTING MEANS

325	.Receiver with plural	357	Receiver applied to plunger-
	compartments or openings		type follower
	(e.g., vents)	358	Scoop or drawer type
326	With means to cap or close an opening	359	Receiver weight operated discharge means
327	Receiver open at both ends	360	Actuator juxtaposed outlet
328	.Filling means or support	361	Servo-system
	provides handle for receiver	362	Relatively movable actuator
329	.With puncturing connecting means	363	.Filling supply supported by
330	Mounted on receiver		receiver
331	.Funnel type	364	Dumping or draining type
332	With connector, guide or	365	Material guide
	support for separable supply	366	Supply container hand
333	Supply or flow path not		manipulated
	concentric with receiver inlet	367	.Adjustable contact area or
334	Laterally extending spout		plural interchangeable or
335	Valves open when funnel rests		selectively usable coupling
	on receiver		means or flow paths
336	Valve closed by lifting on funnel handle	368	.Adjustable gauge collar,
337		369	displacement member or seal
337	Flexible, collapsible or	309	.With receiver support, guide
220	folding	270	means, or shield
338	Stored in or on receiver	370	Guide or shield
339	Anti-swirl, anti-splash, cover	371	Reciprocating guard or guide
2.4.0	or shield	372	Receiver neck or inlet rim
340	With additional support	272	engaging support
341	With nonsystem support	373	For movement of receiver
342	Nonuse	274	laterally of supply outlet
343	Supported on supply container	374	Fill tube extending to or near bottom of receiver
344	With valve actuator or extended	375	With support for removable
	stem		supply container
345	Relatively movable	376	With adjustable support for
346	.Interlocked discharge means,		supply
	support and/or coupling	377	Receiver swingably supported or
347	With coupling means responsive		supported by bail
	to material flow	378	Plural interchangeable or
348	.Supply means carried receiver		selective or adjustable
	flow control opening means		support for receiver
349	Coupling controls receiver	379	Nonuse position or cover
	inlet flow	380	Receiver supported by supply
350	For inlet with externally engaged flap or closure member	381	containerClosure type
351	Receiver actuated discharge	382	.Flexible hose terminal with
221	means	302	receiver engaging means
352	Movable supply or head	383	.With receiver and supply
353		303	securing means
222	Receiver coupling telescopes flow path elements	384	Rotatable collar or sleeve
354	Mechanical or lost motion	385	Telescoping jaws
J J 4	Mechanical or lost motion connection	386	Fixed flange on supply means
355	Connection external to tube or	300	for engagement of receiver
222	tube sections	311 A	.Drip prevention
356	Control by contact at bottom	387	FILLING HEAD SHIFTABLY OR
550	of receiver	507	SEPARABLY CONNECTED TO SUPPLY
	OT TECETACT		January Community to Soff Hi

CLASS 141 FLUENT MATERIAL HANDLING, WITH RECEIVER OR RECEIVER 141 - 7 **COACTING MEANS**

388	.Flexible or collapsible coupling
	section
389	Hand-held head
390	INSERTED OR EXTERNAL FORM OR
	PROTECTOR
391	MATERIAL GUIDES OR SUPPLY WITH
	RECEIVER SUPPORTS (I.E., AIDS
	TO MANUAL FILLING)
392	MISCELLANEOUS (E.G., FILLING
	HEADS)

FOREIGN ART COLLECTIONS

FOR 000 CLASS-RELATED FOREIGN DOCUMENTS

DIGESTS

DIG 1 MAGNETIC

DIG 2 FLUIDIC FLOW CONTROL VALVES

141 - 8 CLASS 141 FLUENT MATERIAL HANDLING, WITH RECEIVER OR RECEIVER COACTING MEANS