

1	AUTOMATIC SUBSTITUTION OF DISCHARGE DEVICE, ELECTRODE OR LAMP	35	WITH AUXILIARY-CONTROL ELECTRODE FOR THE ELECTRODE-MOVING MECHANISM
2	.With current-shifting switch	36	PLURAL CATHODE AND/OR ANODE TYPE
3	.Differential separation type	37	.Consumption feed type
4	.Common electrode-operating type	38	.Interconnected feed operator
5	..Electrode magazine type	39	OSCILLATORY AND/OR ROTARY ELECTRODE MOTION TYPE
6	..Current- and/or potential-actuated release	40	.Interconnected feeding and oscillating and/or rotating mechanism
7	PLURAL DEVICES		
8	.Series-connected	41	..Rotary motion-type power supply
9	WITH SIGNAL, INDICATOR AND/OR ALARM	42	.Rotary electrode
10	WITH AUTOMATIC SHUNT AND/OR CUTOFF	43	..Plural rotary electrode
11	.Shunt circuit closing	44	DISK OR PLATE ELECTRODE TYPE
12	..Regulating magnet placed in the shunt	45	INCLINED OR PARALLEL ELECTRODES
13	..With compensating impedance	46	.Pivoted electrode
14	...Feed-regulating mechanism, actuated switch	47	..Plural pivoted electrodes
15	..Current- and/or potential-actuated switch	48	...Linear feed
16	...Feed-regulating mechanism, actuated switch	49	..Linear feed
17	.Switch-operated type	50	.Interconnected feed operator
18	..Current- and/or potential-actuated switch	51	PLURAL MOVABLE ELECTRODES
19	...Feed-regulating mechanism, switch-actuated type	52	.Plural electrode feeding
20	WITH DISCHARGE-DEFLECTING MEANS	53	..Interconnected operator
21	WITH AUXILIARY MATERIAL SUPPLY TO THE DISCHARGE	54	...With separate movement of one electrode
22	.Fluent material feed	55	...With diverse rates of feed
23	WITH ELECTRODE TIP CLEANER OR FILM-PUNCTURING MEANS	56	...Gear-, belt-, or chain-connected
24	.Repeated contact type	57	MANUAL FEED
25	WITH ECONOMIZER	58	.With power drive
26	WITH VENTILATOR, FUME FLOW SHIELD, FUME CONDENSER AND/OR TEMPERATURE MODIFYING MEANS	59	CONSUMPTION FEED TYPE
27	.Movable type, connected to the electrode or electrode-moving mechanism	60	.Electrodes
28	.Ventilator, fume director and/or condenser	61	FLUID TRANSMISSION
29	.Liquid-circulating type	62	MOTOR SPEED-CONTROLLED
30	.Radiating transmitter type	63	RADIANT ENERGY RESPONSIVE CONTROL TYPE
31	POLYPHASE A.C. SUPPLY	64	ELECTRIC DISCHARGE CONTROL CIRCUIT
32	WITH TRANSFORMER IN SUPPLY LINE	65	WITH ELECTRODE SEPARATING MECHANISM AND FEEDING MECHANISM
33	THREE OR MORE SERIES-CONNECTED ELECTRODES	66	.Electromagnetic separating
34	WITH AUXILIARY-STARTING ELECTRODE	67	..Electromagnetic feed
		68	POSITIVE FEED
		69	.Rotary electric motor
		70	..With motor-braking
		71	..With motor circuit impedance regulator
		72	...Switch-controlled motor circuit
		73	..Switch-controlled motor circuit

74	...With regulation of switch operator	115	..With current or voltage regulator
75	..Auxiliary motor circuit current supply	116	...Current- or potential-responsive
76	..Differential wound armature and/or field	117	..Shunt magnet control
77	.Pawl and ratchet	118	...With control of series magnet
78	.Electromagnetic operator	119	.With electromagnetically operated separating
79	.Power-transmission control	120	..Movable coil
80	..Gear train	121	..Plural coils
81	...Reversible	122	...Three or more
82	ESCAPEMENT FEED CONTROL	123	...Interconnected lever system
83	DETECT OR BRAKE-CONTROLLED ROTARY FEED MEMBER OR GEAR	124	...Common oscillating lever or armature
84	.Movable feed frame type	125	...Coaxial coils
85	..Pivoted frame	126	...Opposed magnetic flux type
86	..Multiple magnet-operated	127	..Concentric magnet and electrode
87	.Locked during separating stroke	128	.Vibration-damped electromagnet
88	..Positive-acting brake or detent	129	WITH CURRENT-TRANSFER DEVICE
89	THERMOSTATIC OPERATOR OR CONTROLLER	130	FRAMES AND ELECTRODE SUPPORTS
90	.With mechanical energy-storing device	131	.With electric switch
91	WITH RESILIENT OR LOST MOTION CONNECTION	132	.With electric impedance
92	WITH MECHANICAL ENERGY-STORING DEVICE	133	.With electrode guides
93	.Rod gripper biasing type	134	.Adjustable electrode supports
94	.With electric motive power	135	WITH CURRENT OR VOLTAGE REGULATOR
95	..Biased lever	136	MISCELLANEOUS
96	...Spring-biased		
97	..Spring-biased		
98	WITH ELECTRODE COUNTERBALANCE		
99	WITH RETARDER		
100	.Retarded feeding type		
101	RELEASABLE ELECTRODE OR ROD GRIPPER TYPE		
102	.Plural clutches		
103	.With separation limit stop		
104	.Magnetic clutch		
105	.Electromagnetically operated		
106	..Plural electromagnet coils		
107	...Three or more		
108	...Interconnected lever systems		
109	...Common oscillating lever or armature		
110	...Coaxial coils		
111	..Concentric magnet and electrode		
112	SLIDING ELECTRODE TYPE		
113	ELECTROMAGNETIC OPERATOR AND/OR FEED-CONTROLLING		
114	.With control of the electromagnet circuit		

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