

	ACETYLENE	45	....Dip
1	.Generation and liquefaction	46	...Measured charges
2	.Generator and holder	47	....Cartridges
3 R	.Generator and mixer	48	....Rotary carrier
3 A	..Special features	49	.....Vertical
	.Generators	50	....Stationary
4	..Water feed	51	...Piston
5	...Holder operated	52	...Plate valve
6	....Series	53	...Pop valve
7	.....Automatic switch	53.1	....Bell operated
8	....Cell series	53.2	.....Bell and holder combined
9	....Gasometer and high-pressure holder	53.3	....Diaphragm operated
	....Interior valve	53.4	....Float operated
10	....Rotary cylinder	54	...Screw
11	....Underfeed	55	...Slide valve
12	....Valveless	58	..Valves, gas and water feed
13	.....Displacer	56	..Automatic safety escape
14	.....Flexible tube	57	..Sludge remover
15	.....Generator supported	59	.Carbide cartridges
16	.....Siphon	60	..Conglomerate
17	.....Tilting	61	GENERATORS
18	...Ebb and flow		.Hydrogen
19	....Series	116	..Carburetor
20	....Cell series	117	...Air
21	....Concentric	118	...Floating oil
22	...Series	62 R	.Cupola
23	...Cell series	71	..Coal, oil and water
24	...Capillary	72	..Coal and oil
25	....Adjustable	73	..Coal and water
26	....Percolating	76	..Producers
27	....Pressure valves	77	..Coal
28	...Expansible carbide container	78	..Water
29	...Expansible water holder	79	...Carburetor
30	...Inexpansible gas holder and water feed	80	....Fixer
31	...Oscillating	81	....Retort
32 R	....Floating generator or carbide container	84	...Oil gas
32 A	....With inversion to contact carbide	82	...Up-and-down run
32 B	...Rotary cylinder	83	....Interlocking valves
33	...Rotary grate	85	..Carbon monoxide
34	...Underfeed	75	..Oil and steam injected
35	...Interlocking devices	63	..Air and steam injected
36	...Pressure valves	64	...Superheated
37	..Carbide feed	65	..Electric
38	...Apron or belt	66	..Rotary bottom
39	...Cock	67	..Water jacket
40	...Dip	68	...Rotary bottom
41	....Cell series	69	..Water-seal pit
42	...Flap valve	74	..Refractory filling
43	...Hand		..Fuel agitating
44		85.1	...Movable wall
		85.2	...Stirrer
		86 R	..Chargers
		86 A	...Gas making underfeed

87	..Accessories	176	.Bell and tank
62 A	..Partial combustion carburetor	177	..Sectional bell
89	.Retort	178	.Collapsible
98	..Coal, oil and water	179	.Tank
99	..Coal and water	180.1	MIXERS
100	..Coal and oil	181	.Bell and tank
101	..Coal	182	..Anterior
102 R	..Oil	183	..Posterior
103	...Electric heater	184	.Diaphragm
104	...Jet mixers	185	.Gravity
105	...Steam injected	186	.Pump
106	...Automatic feed	187	.Rotary drum
107	...Air injected	188	..Anterior
102 A	...Utilizing heat from exhaust gases	189	..Posterior
108	..Water	189.1	.Three or more different fluids entering apparatus
109	...Carburetor	189.2	.With heating means
110	...Oil gas	189.3	.Auxiliary air inlet
111	..Wood	189.4	.Mixer in flow path of existing mixture
112	...Oil	189.5	..Rotating mixer
92	..Metal bath	189.6	..Includes element made of engaged strands or fibers, e.g., screen, fabric, etc.
93	..Oil and gas injected	190	DISTRIBUTION
94	..Oil and steam injected	191	.Regulating pressure
95	...Air	192	.Safety devices
96	...Carburetor	193	.Leakage
90	..Domestic plants	194	..Preventing
113	..Furnaces	195	..Odorizers
118.5	.Portable	197 R	PROCESSES
119	RETORTS	198.1	.Manufacture from methane (natural gas)
120	.Compounds	198.2	..Employing carbon particles, porous barrier element or molten material
122	.Inclined	198.3	..With specified treatment of converted product, e.g., purification, particular cooling, testing, etc.
123	.Vertical	198.5	..Employing oxygen donor particles or carbide metal particles
124	.Lids	198.6	..Specified direction of gas travel through particle mass, e.g., fluidization, flow reversal, etc.
126	.Attachments	198.7	..Employing catalytic particles
127.1	CONVERSION OF HYDROCARBON GAS AND BLENDING OF PRODUCT WITH FURTHER HYDROCARBON GAS, PROCESS	198.8	..With specified reactant velocity, angle of entry to reactor or mechanical energy production, e.g., use of internal combustion engine, etc.
127.3	METHANE (NATURAL GAS) -CONTAINING PRODUCT, OR TREATMENT OR RECOVERY PROCESS		
127.5	.Process including chemical reaction		
127.7	..Catalytic		
127.9	APPARATUS FOR CONVERTING OR TREATING HYDROCARBON GAS		
144	CARBURETORS		
160	.Gravity		
128	PURIFIERS		
170	CENTER AND BY-PASS VALVES		
173	EXHAUSTERS		
174	HOLDERS		
175	.High-pressure safety escape		

.Hydrogen
199 R ..Carbureting
199 FM ...Fuel mixtures
200 .Coal, oil and water
201 .Coal and oil
202 .Coal and water
203 .Producer
204 .Water
205 ..Carbureting
206 ..Continuous
207 ..Down run
208 ..Up-and-down run
209 .Wood
210 .Coal
211 .Oil
212 ..Air injected
213 ..Gas injected
214 R .Oil and steam injected
215 ..Air
214 A ..Catalytic processes
216 .Acetylene
217 ..Slow
219 .Carbureting
197 FM .Fuel mixtures
197 A .Sewage treatment

FOREIGN ART COLLECTIONS

FOR 000 CLASS-RELATED FOREIGN DOCUMENTS

DIGESTS

DIG 1 RECIRCULATION OF GASES PRODUCED
TO LOWER PART OF FUEL BED
DIG 2 SLAGGING PRODUCER
DIG 3 HIGH PRESSURE
DIG 4 POWDERED FUEL INJECTION
DIG 5 DIFFUSION MEMBRANE FOR GAS
REACTION OR SEPARATION
DIG 6 UNDERGROUND GASIFICATION OF COAL
DIG 7 SLURRY
DIG 8 INTERNAL COMBUSTION ENGINE FOR
GAS MAKING
DIG 9 SOLAR GASIFICATION
DIG 10 COMPUTER RESISTED CONTROL

