MISCELLANEOUS

WITH LIQUID SEPARATIONS
-IN circuit
-At inlet
-Filtering
-Unitary structure
-Decanting
-Unitary structure

WITH EXTERNAL SUPPLY OR REMOVAL OF HEAT
-Processes
-Temperature or humidity sensor
-Heat supply or removal control
-Automatic control of heat supply or heat effect
-With mixer for supplementary gas and gaseous contactor product
-Pressure responsive supplementary gas supply means
-With indicator or tester
-Combined
-Interconnected heat supply and contact fluid flow controllers
-Diverse heat supply or removal means
-Electric heater
-Refrigeration producer
-Absorption means
-Heat producer
-Electric heater
-Means burning contact product
-Internal combustion engine
-Engine fuel supply means heated by exhaust manifold
-Plural distinct contact zones
-Serially arranged in flow path
-Counter flowing gas and liquid (e.g., absorption or rectification column)
-Heat exchanger in flow path spaced from contact zones
-Heat exchange means in one of plural liquid feed paths
-Recirculating fluid
-Heat exchange means at or downstream of contact zone
-Gas exposed liquid body or sheet contacting heat exchanger
-Porous type gas-liquid contactor exposed to heat exchanger

 indirect interchange or heat between contact fluids
-Incoming fluid exchanges heat
-With fluid at or downstream of contact zone
-Incoming exchanging fluid is feed gas

MULTIPLE GAS
-Furnace-gas type

MULTIPLE DIVERSE LIQUIDS
-Water added to charge
-Multiple fuels
-Antidetonant

FLUID DISTRIBUTION
-Systems
-Series
-Gas connections
-Parallel
-Carburetors
-Stratified charge
-Rotary engine
-Pumping
-Liquid operated
-Automatic control
-Liquid inlet
-Gas and liquid
-Liquid circuit
-Gas inlet
-Churn type
-Rotary dasher
-Reciprocating dasher
-Liquid
-Accelerator pump
-With thermostatic control
-Gas operated
-In circuit
-Carburetor
-Inlet
-Valved
-Thermostatic
-With carburetor expansible fluid actuating means
-With carburetor bimetallic actuating means
-Carburetor spring linkage with temperature element

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39.5 Without carburetor choke means 64.5 Float control
39.6 With carburetor electrical 64.6 Starting choke
heater 65 Gas outlet
40 Multiple jet 66 Liquid inlet
41.1 Progressive 67 Plural
41.2 With parallel carbureting 68 Float and manual
passages 69.1 Gas pressure controlled
41.3 With control of plural 69.2 Wet diaphragm
passages 70 Float controlled
41.4 Multiple jet manual control 71 Manual
41.5 Bypass opening beyond 72 Liquid supply tank
throttle 72.1 Aviation carburetor
41.6 Multiple jet manual control 72.2 Barometric
41.7 Bypass opening beyond 74 Contact receptacle
42 Multiple valves 75 .Contact space
43 Connected 76 Contact valve with hollow
44.1 Contact space 77 shaft supplying liquid
44.2 Contact valve with hollow 78 Traversely reciprocating air
shaft supplying liquid 78.1 or mixture valve
44.3 Traversely reciprocating air 78.2 Atomizer type
or mixture valve 79 Suction operated
44.4 Suction operated 79.1 Noncarburetor
44.5 Longitudinally movable air 79.2 Noncarburetor
or mixture valve 80 Traveling strip
44.6 Rotating air or mixture 81 Reciprocating
valve 82 Piston
44.7 Off-center pivoted 83 Rotating
44.8 Cylinder or plug-valve type 84 Impeller
44.9 Variable-shape passage 85 Hollow shaft
45 Gas by-pass 86 Gas trapping
46 With gas inlet 87 Gas delivering
47 With gas outlet 88 Liquid spraying
48 With liquid inlet 89 Sprayed
49 Liquid inlet 90 Horizontal axis
50.1 With gas inlet 91 Dipping
50.2 Suction operated gas inlet 92 Horizontal axis
valve 93 Submerged blast
50.3 Noncarburetor 94 Porous mass
51 With gas outlet 95 Surface contact
52 Gas inlet and outlet 96 Gas-flow control
53 Contact space 97 Liquid-flow control
54 Gas by-pass 98 Spray
55 With gas inlet 99 Capillary feed
56 With gas outlet 100 Porous sheet
57 With liquid inlet 101 Surface contact
58 Liquid inlet 102 Gas-flow control
59 With gas inlet 103 Liquid downflow
60 With gas outlet 104 Capillary feed
61 Gas inlet and outlet 105 Gas-flow control
62 Contact space 106 Liquid downflow
63 Gas by-pass 107 Capillary feed
64.1 Gas inlet 108 Wet baffle
64.2 Anterior throttle 109 Gas-flow control
64.3 Pressure control 110 Liquid-flow control
64.4 Suction operated 111 Spray
112.1 ...Film
112.2 ....Corrugated plates
113 ...Perforated baffles
114.1 ...Overflow baffles
114.2 ...Jet plates
114.3 ...Valve tray
114.4 ...Tray construction
115 ...Liquid spray
116 ...Aspirating
117 ...Opposed
118 ...Transverse
119.1 ...Carburetor
119.2 ...Floating distributor
120 ...Submerged blast
121.1 ...Minnow bucket
121.3 ...Carburetor vented nozzle
121.4 ...Air inlet valve
122.1 ...Submerged screen
122.2 ...With closable apertures
123 ...Submerged baffle
124 ...Multiple jet
125 ...Multiple receptacle
126 ...Upflowing gases

FOREIGN ART COLLECTIONS
FOR 000 CLASS-RELATED FOREIGN DOCUMENTS

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DIG 1  AUXILIARY AIR INLET CARBURETORS
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DIG 3  AIR COOLING
DIG 4  AUTO HUMIDIFIERS
DIG 6  BACKFIRE
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DIG 8  CARBURETOR PRIMERS
DIG 9  FURNACE GAS SCRUBBERS
DIG 10  STEAM HEATERS AND CONDENSERS
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DIG 21  DRAWING EXCESS FUEL FROM CARBURETING PASSAGE
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       DETONATION
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dispensers

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