SECTION C — CHEMISTRY; METALLURGY

C10 PETROLEUM, GAS OR COKE INDUSTRIES; TECHNICAL GASES CONTAINING CARBON MONOXIDE; FUELS; LUBRICANTS; PEAT

C10H PRODUCTION OF ACETYLENE BY WET METHODS [5]

Subclass index

GENERATORS
With non-automatic water feed....1/00
With automatic water feed....3/00, 5/00
Kipp's or Dobereiner's type....7/00, 9/00
Other types....11/00-19/00
Details....21/00

1/00 Acetylene gas generators with dropwise, gravity, non-automatic water feed [1, 2006.01]
1/02 • Valves **[1, 2006.01]**
1/04 • • Screw valves **[1, 2006.01]**
1/06 • • Cocks **[1, 2006.01]**
1/08 • Other means for controlling the water feed **[1, 2006.01]**
1/10 • Water feed from above through a central or lateral pipe **[1, 2006.01]**
1/12 • Water feed from above through porous materials **[1, 2006.01]**

3/00 Acetylene gas generators with automatic water feed regulation by means independent of the gas-holder [1, 2006.01]
3/02 • with membranes **[1, 2006.01]**
3/04 • with floats **[1, 2006.01]**
3/06 • with pistons **[1, 2006.01]**

5/00 Acetylene gas generators with automatic water feed regulation by the gas-holder [1, 2006.01]
5/02 • with overflow for the water **[1, 2006.01]**
5/04 • by drop-by-drop water valves connected with the gas-holder **[1, 2006.01]**
5/06 • • by drop-by-drop water cocks connected with the gas-holder **[1, 2006.01]**
5/08 • with gas-holder-connected water valves or cocks according to the submersion system **[1, 2006.01]**

7/00 Acetylene gas generators with water feed by Kipp's principle [1, 2006.01]
7/02 • with water feed from below **[1, 2006.01]**
7/04 • with water feed from above **[1, 2006.01]**

9/00 Acetylene gas generators according to Dobereiner's principle with fixed carbide bell [1, 2006.01]
9/02 • with water feed from below through porous materials (by capillary feed) **[1, 2006.01]**
9/04 • with gas cock actuated by the gas-holder **[1, 2006.01]**
9/06 • with the depth of the gas outlet pipe regulated by the gas-holder **[1, 2006.01]**
9/08 • with movable gas-holder **[1, 2006.01]**
9/10 • by wetting the carbide only at the bottom **[1, 2006.01]**

11/00 Acetylene gas generators with submersion of the carbide in water [1, 2006.01]
11/02 • inside the gas-holder **[1, 2006.01]**
11/04 • with sealing and reaction water separated from each other **[1, 2006.01]**

13/00 Acetylene gas generators with combined dipping and drop-by-drop system [1, 2006.01]

15/00 Acetylene gas generators with carbide feed, with or without regulation by the gas pressure [1, 2006.01]
15/02 • with non-automatic carbide feed **[1, 2006.01]**
15/04 • • Closure means at the filling-hopper **[1, 2006.01]**
15/06 • with automatic carbide feed by valves **[1, 2006.01]**
15/08 • • by flap or slide valves **[1, 2006.01]**
15/10 • • by float valves **[1, 2006.01]**
15/12 • • by measuring valves, including pocket-wheels **[1, 2006.01]**
15/14 • with feed worm or feed conveyors **[1, 2006.01]**
15/16 • with feed drums **[1, 2006.01]**
15/18 • with movable feed disc and fixed carbide-receptacle **[1, 2006.01]**
15/20 • with carbide feed by cartridges or other packets **[1, 2006.01]**
15/22 • with carbide feed of pulverous carbide from receptacles or through the gas-holder **[1, 2006.01]**
15/24 • with carbide feed by pistons **[1, 2006.01]**

17/00 High-pressure acetylene gas generators [1, 2006.01]

19/00 Other acetylene gas generators [1, 2006.01]
19/02 • Rotary carbide receptacles **[1, 2006.01]**

21/00 Details of acetylene generators; Accessory equipment for, or features of, the wet production of acetylene [1, 2006.01]
21/02 • Packages of carbide for use in generators, e.g. cartridges **[1, 2006.01]**
21/04 • • Placing packages in the generator **[1, 2006.01]**

21/06 • • • Opening devices for packages in the generator **[1, 2006.01]**

21/08 • Safety devices for acetylene generators **[1, 2006.01]**

21/10 • Carbide compositions **[1, 2006.01]**

21/12 • Gas-tight sealing means, e.g. liquid seals in generators **[1, 2006.01]**

21/14 • Ventilation means; Cooling devices **[1, 2006.01]**

21/16 • Removing sludge from generators **[1, 2006.01]**