

## 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]

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- 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]**