

CPC COOPERATIVE PATENT CLASSIFICATION

C CHEMISTRY; METALLURGY

(NOTES omitted)

CHEMISTRY

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

C10H PRODUCTION OF ACETYLENE BY WET METHODS {(purification of acetylene C07C 7/00)}

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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| 1/00 | Acetylene gas generators with dropwise, gravity, non-automatic water feed (valves, cocks F16K) | 11/04 | . with sealing and reaction water separated from each other |
| 1/02 | . Valves | 13/00 | Acetylene gas generation with combined dipping and drop-by-drop system |
| 1/04 | . . Screw valves | 15/00 | Acetylene gas generators with carbide feed, with or without regulation by the gas pressure |
| 1/06 | . . Cocks | 15/02 | . with non-automatic carbide feed |
| 1/08 | . Other means for controlling the water feed | 15/04 | . . Closure means at the filling-hopper |
| 1/10 | . Water feed from above through a central or lateral pipe | 15/06 | . with automatic carbide feed by valves |
| 1/12 | . Water feed from above through porous materials | 15/08 | . . by flap or slide valves |
| 3/00 | Acetylene gas generators with automatic water feed regulation by means independent of the gas-holder | 15/10 | . . by float valves |
| 3/02 | . with membranes | 15/12 | . . by measuring valves, including pocket-wheels |
| 3/04 | . with floats | 15/14 | . with feed worm or feed conveyors |
| 3/06 | . with pistons | 15/16 | . with feed drums |
| 5/00 | Acetylene gas generators with automatic water feed regulation by the gas-holder | 15/18 | . with movable feed disc and fixed carbide-receptacle |
| 5/02 | . with overflow for the water | 15/20 | . with carbide feed by cartridges or other packets |
| 5/04 | . by drop-by-drop water valves connected with the gas-holder | 15/22 | . with carbide feed of pulverous carbide from receptacles or through the gas-holder |
| 5/06 | . . by drop-by-drop water cocks connected with the gas-holder | 15/24 | . with carbide feed by pistons |
| 5/08 | . with gas-holder-connected water valves or cocks according to the submersion system | 17/00 | High-pressure acetylene gas generators |
| 7/00 | Acetylene gas generators with water feed by Kipp's principle | 19/00 | Other acetylene gas generators |
| 7/02 | . with water feed from below | 19/02 | . Rotary carbide receptacles |
| 7/04 | . with water feed from above | 21/00 | Details of acetylene generators; Accessory equipment for, or features of, the wet production of acetylene |
| 9/00 | Acetylene gas generators according to Dobereiner's principle with fixed carbide bell | 21/02 | . Packages of carbide for use in generators, e.g. cartridges |
| 9/02 | . with water feed from below through porous materials (by capillary feed) | 21/04 | . . Placing packages in the generator |
| 9/04 | . with gas cock actuated by the gas holder | 21/06 | . . . Opening devices for packages in the generator |
| 9/06 | . with the depth of the gas outlet pipe regulated by the gas-holder | 21/08 | . Safety devices for acetylene generators |
| 9/08 | . with movable gas-holder | 21/10 | . Carbide compositions |
| 9/10 | . by wetting the carbide only at the bottom | 21/12 | . Gas-tight sealing means, e.g. liquid seals in generators |
| 11/00 | Acetylene gas generators with submersion of the carbide in water | 21/14 | . Ventilation means; Cooling devices |
| 11/02 | . inside the gas-holder | 21/16 | . Removing sludge from generators |