

CPC COOPERATIVE PATENT CLASSIFICATION

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

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