

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