

# 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)}

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