#### CPC **COOPERATIVE PATENT CLASSIFICATION**

#### С **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 <u>C07C 7/00</u>)

## 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.

1/00	Acetylene gas generators with dropwise, gravity, non-automatic water feed (valves, cocks <u>F16K</u> )	11/04	• with sealing and reaction water separated from each other
1/02	• Valves	13/00	A actulance and concretion with combined dinning
1/04	Screw valves	15/00	Acetylene gas generation with combined dipping and drop-by-drop system
1/06	Cocks		and drop-by-drop system
1/08	• Other means for controlling the water feed	15/00	Acetylene gas generators with carbide feed, with or
1/10	• Water feed from above through a central or lateral		without regulation by the gas pressure
	pipe	15/02	• with non-automatic carbide feed
1/12	. Water feed from above through porous materials	15/04	. Closure means at the filling-hopper
2/00		15/06	• with automatic carbide feed by valves
3/00	Acetylene gas generators with automatic water	15/08	• • by flap or slide valves
	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
3/02	<ul><li>with floats</li></ul>	15/14	• with feed worm or feed conveyors
3/04		15/16	• with feed drums
3/00	• with pistons	15/18	• with movable feed disc and fixed carbide-receptacle
5/00	Acetylene gas generators with automatic water	15/20	• with carbide feed by cartridges or other packets
	feed regulation by the gas-holder	15/22	• with carbide feed of pulverous carbide from
5/02	• with overflow for the water		receptacles or through the gas-holder
5/04	<ul> <li>by drop-by-drop water valves connected with the gas-holder</li> </ul>	15/24	• with carbide feed by pistons
5/06	• by drop-by-drop water cocks connected with the	17/00	High-pressure acetylene gas generators
	gas-holder	19/00	Other acetylene gas generators
5/08	<ul> <li>with gas-holder-connected water valves or cocks according to the submersion system</li> </ul>	19/02	• Rotary carbide receptacles
-		21/00	Details of acetylene generators; Accessory
7/00	Acetylene gas generators with water feed by		equipment for, or features of, the wet production
7/00	Kipp's principle		of acetylene
7/02 7/04	<ul><li>with water feed from below</li><li>with water feed from above</li></ul>	21/02	<ul> <li>Packages of carbide for use in generators, e.g. cartridges</li> </ul>
9/00	Acetylene gas generators according to	21/04	. Placing packages in the generator
2/00	Dobereiner's principle with fixed carbide bell	21/06	Opening devices for packages in the generator
9/02	• with water feed from below through porous	21/08	Safety devices for acetylene generators
)/02	materials (by capillary feed)	21/10	Carbide compositions
9/04	• with gas cock actuated by the gas holder	21/12	• Gas-tight sealing means, e.g. liquid seals in
9/06	• with the depth of the gas outlet pipe regulated by the		generators
2700	gas-holder	21/14	• Ventilation means; Cooling devices
9/08	• with movable gas-holder	21/16	• Removing sludge from generators
9/10	<ul><li>by wetting the carbide only at the bottom</li></ul>		
11/00	Acetylene gas generators with submersion of the carbide in water		
11/02	• inside the gas-holder		