

CPC**COOPERATIVE PATENT CLASSIFICATION****C10H****PRODUCTION OF ACETYLENE BY WET METHODS** {(purification of acetylene [C07C 7/00](#))}**C10H 1/00****Acetylene gas generators with dropwise, gravity, non-automatic water feed** (valves, cocks [F16K](#))

C10H 1/02

- . Valves

C10H 1/04

- . . Screw valves

C10H 1/06

- . . Cocks

C10H 1/08

- . Other means for controlling the water feed

C10H 1/10

- . Water feed from above through a central or lateral pipe

C10H 1/12

- . Water feed from above through porous materials

C10H 3/00**Acetylene gas generators with automatic water feed regulation by means independent of the gas-holder**

C10H 3/02

- . with membranes

C10H 3/04

- . with floats

C10H 3/06

- . with pistons

C10H 5/00**Acetylene gas generators with automatic water feed regulation by the gas-holder**

C10H 5/02

- . with overflow for the water

C10H 5/04

- . by drop-by-drop water valves connected with the gas-holder

C10H 5/06

- . . by drop-by-drop water cocks connected with the gas-holder

C10H 5/08

- . with gas-holder-connected water valves or cocks according to the submersion system

C10H 7/00**Acetylene gas generators with water feed by Kipp`s principle**

C10H 7/02

- . with water feed from below

C10H 7/04

- . with water feed from above

C10H 9/00**Acetylene gas generators according to Dobereiner`s principle with fixed carbide bell**

- C10H 9/02 . with water feed from below through porous materials (by capillary feed)
- C10H 9/04 . with gas cock actuated by the gas holder
- C10H 9/06 . with the depth of the gas outlet pipe regulated by the gas-holder
- C10H 9/08 . with movable gas-holder
- C10H 9/10 . by wetting the carbide only at the bottom

- C10H 11/00 Acetylene gas generators with submersion of the carbide in water**
- C10H 11/02 . inside the gas-holder
- C10H 11/04 . with sealing and reaction water separated from each other

- C10H 13/00 Acetylene gas generation with combined dipping and drop-by-drop system**

- C10H 15/00 Acetylene gas generators with carbide feed, with or without regulation by the gas pressure**
- C10H 15/02 . with non-automatic carbide feed
- C10H 15/04 . . Closure means at the filling-hopper
- C10H 15/06 . with automatic carbide feed by valves
- C10H 15/08 . . by flap or slide valves
- C10H 15/10 . . by float valves
- C10H 15/12 . . by measuring valves, including pocket-wheels
- C10H 15/14 . with feed worm or feed conveyers
- C10H 15/16 . with feed drums
- C10H 15/18 . with movable feed disc and fixed carbide-receptacle
- C10H 15/20 . with carbide feed by cartridges or other packets
- C10H 15/22 . with carbide feed of pulverous carbide from receptacles or through the gas-holder
- C10H 15/24 . with carbide feed by pistons

- C10H 17/00 High-pressure acetylene gas generators**

- C10H 19/00 Other acetylene gas generators**
- C10H 19/02 . Rotary carbide receptacles

