

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	<ul style="list-style-type: none"> with non-automatic carbide feed
C10H 15/04	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Closure means at the filling-hopper
C10H 15/06	<ul style="list-style-type: none"> with automatic carbide feed by valves
C10H 15/08	<ul style="list-style-type: none"> <ul style="list-style-type: none"> by flap or slide valves
C10H 15/10	<ul style="list-style-type: none"> <ul style="list-style-type: none"> by float valves
C10H 15/12	<ul style="list-style-type: none"> <ul style="list-style-type: none"> by measuring valves, including pocket-wheels
C10H 15/14	<ul style="list-style-type: none"> with feed worm or feed conveyors
C10H 15/16	<ul style="list-style-type: none"> with feed drums
C10H 15/18	<ul style="list-style-type: none"> with movable feed disc and fixed carbide-receptacle
C10H 15/20	<ul style="list-style-type: none"> with carbide feed by cartridges or other packets
C10H 15/22	<ul style="list-style-type: none"> with carbide feed of pulverous carbide from receptacles or through the gas-holder
C10H 15/24	<ul style="list-style-type: none"> with carbide feed by pistons
C10H 17/00	High-pressure acetylene gas generators
C10H 19/00	Other acetylene gas generators
C10H 19/02	<ul style="list-style-type: none"> Rotary carbide receptacles
C10H 21/00	Details of acetylene generators; Accessory equipment for, or features of, the wet production of acetylene
C10H 21/02	<ul style="list-style-type: none"> Packages of carbide for use in generators, e.g. cartridges
C10H 21/04	<ul style="list-style-type: none"> <ul style="list-style-type: none"> Placing packages in the generator
C10H 21/06	<ul style="list-style-type: none"> <ul style="list-style-type: none"> <ul style="list-style-type: none"> Opening devices for packages in the generator
C10H 21/08	<ul style="list-style-type: none"> Safety devices for acetylene generators
C10H 21/10	<ul style="list-style-type: none"> Carbide compositions
C10H 21/12	<ul style="list-style-type: none"> Gas-tight sealing means, e.g. liquid seals in generators
C10H 21/14	<ul style="list-style-type: none"> Ventilation means; Cooling devices
C10H 21/16	<ul style="list-style-type: none"> Removing sludge from generators