

**ECLA****EUROPEAN CLASSIFICATION****C10H****PRODUCTION OF ACETYLENE BY WET METHODS** [N: (purification of acetylene [C07C7/00](#))]**C10H1/00****Acetylene gas generators with dropwise, gravity, non-automatic water feed** (valves, cocks [F16K](#))

## C10H1/02

- . Valves

## C10H1/04

- . . Screw valves

## C10H1/06

- . . Cocks

## C10H1/08

- . Other means for controlling the water feed

## C10H1/10

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

## C10H1/12

- . Water feed from above through porous materials

**C10H3/00****Acetylene gas generators with automatic water feed regulation by means independent of the gas-holder**

## C10H3/02

- . with membranes

## C10H3/04

- . with floats

## C10H3/06

- . with pistons

**C10H5/00****Acetylene gas generators with automatic water feed regulation by the gas-holder**

## C10H5/02

- . with overflow for the water

## C10H5/04

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

## C10H5/06

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

## C10H5/08

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

**C10H7/00****Acetylene gas generators with water feed by Kipp`s principle**

## C10H7/02

- . with water feed from below

## C10H7/04

- . with water feed from above

**C10H9/00****Acetylene gas generators according to Dobereiner`s principle with fixed carbide bell**

## C10H9/02

- . with water feed from below through porous materials (by capillary feed)

C10H9/04	<ul style="list-style-type: none"> <li>. with gas cock actuated by the gas holder</li> </ul>
C10H9/06	<ul style="list-style-type: none"> <li>. with the depth of the gas outlet pipe regulated by the gas-holder</li> </ul>
C10H9/08	<ul style="list-style-type: none"> <li>. with movable gas-holder</li> </ul>
C10H9/10	<ul style="list-style-type: none"> <li>. by wetting the carbide only at the bottom</li> </ul>
<b>C10H11/00</b>	<b>Acetylene gas generators with submersion of the carbide in water</b>
C10H11/02	<ul style="list-style-type: none"> <li>. inside the gas-holder</li> </ul>
C10H11/04	<ul style="list-style-type: none"> <li>. with sealing and reaction water separated from each other</li> </ul>
<b>C10H13/00</b>	<b>Acetylene gas generation with combined dipping and drop-by-drop system</b>
<b>C10H15/00</b>	<b>Acetylene gas generators with carbide feed, with or without regulation by the gas pressure</b>
C10H15/02	<ul style="list-style-type: none"> <li>. with non-automatic carbide feed</li> </ul>
C10H15/04	<ul style="list-style-type: none"> <li>. . Closure means at the filling-hopper</li> </ul>
C10H15/06	<ul style="list-style-type: none"> <li>. with automatic carbide feed by valves</li> </ul>
C10H15/08	<ul style="list-style-type: none"> <li>. . by flap or slide valves</li> </ul>
C10H15/10	<ul style="list-style-type: none"> <li>. . by float valves</li> </ul>
C10H15/12	<ul style="list-style-type: none"> <li>. . by measuring valves, including pocket-wheels</li> </ul>
C10H15/14	<ul style="list-style-type: none"> <li>. with feed worm or feed conveyers</li> </ul>
C10H15/16	<ul style="list-style-type: none"> <li>. with feed drums</li> </ul>
C10H15/18	<ul style="list-style-type: none"> <li>. with movable feed disc and fixed carbide-receptacle</li> </ul>
C10H15/20	<ul style="list-style-type: none"> <li>. with carbide feed by cartridges or other packets</li> </ul>
C10H15/22	<ul style="list-style-type: none"> <li>. with carbide feed of pulverous carbide from receptacles or through the gas-holder</li> </ul>
C10H15/24	<ul style="list-style-type: none"> <li>. with carbide feed by pistons</li> </ul>
<b>C10H17/00</b>	<b>High-pressure acetylene gas generators</b>
<b>C10H19/00</b>	<b>Other acetylene gas generators</b>
C10H19/02	<ul style="list-style-type: none"> <li>. Rotary carbide receptacles</li> </ul>
<b>C10H21/00</b>	<b>Details of acetylene generators; Accessory equipment for, or features of, the wet production of acetylene</b>

- C10H21/02 . Packages of carbide for use in generators, e.g. cartridges
- C10H21/04 . . Placing packages in the generator
- C10H21/06 . . . Opening devices for packages in the generator
- C10H21/08 . Safety devices for acetylene generators
- C10H21/10 . Carbide compositions
- C10H21/12 . Gas-tight sealing means, e.g. liquid seals in generators
- C10H21/14 . Ventilation means; Cooling devices
- C10H21/16 . Removing sludge from generators