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The invention relates to electrochemistry, namely to processes for obtaining inorganic substances by electrolysis, and may be used in devices for water treatment with chlorine.

The process for solution electrolysis is realized in an electrolytic cell through which there is advanced direct electric current. The cell consists of electrodes, between which it is placed a membrane of nonconducting current and impassable for ions material. The membrane contains at least one hole and it is mounted into the cell so that the current may be advanced just through this hole of the membrane, and the surface of the hole is selected so that the current density through the hole section area may exceed the value of 10 A/mm^2 .

Claims: 1