

Title (en)

Process for the electrochemical production of chlorine from aqueous hydrochloric acid solutions

Title (de)

Verfahren zur elektrochemischen Herstellung von Chlor aus wässrigen Lösungen von Chlorwasserstoff

Title (fr)

Procédé de production électrochimique de chlore à partir de solutions aqueuses d'acide chlorhydrique

Publication

EP 1283281 B1 20121114 (DE)

Application

EP 02016239 A 20020722

Priority

DE 10138215 A 20010803

Abstract (en)

[origin: EP1283281A2] An electrolysis cell (1) has anode chamber(s) (3) having anode (4), and cathode chamber(s) (2) having oxygen-consuming cathode (5) and a pressure of 1.05 bar or more, and cation exchange membrane (6) for separating the chambers. An aqueous solution of hydrogen chloride is passed into the anode chamber(s), and oxygen-containing gas is passed into the cathode chamber(s), to electrochemically prepare chlorine.

IPC 8 full level

C25B 1/26 (2006.01)

CPC (source: EP US)

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