

Title (en)

APPARATUS FOR THE ELECTROCHEMICAL TREATMENT OF WATER AND AQUEOUS SALT SOLUTIONS

Title (de)

ELEKTROLYTISCHE BEHANDLUNG VON WASSER UND WÄSSRIGEN SALZLÖSUNGEN

Title (fr)

APPAREIL POUR LE TRAITEMENT ELECTROCHIMIQUE DE L'EAU ET DE SOLUTIONS SALINES AQUEUSES

Publication

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Application

**EP 98912629 A 19980324**

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- RU 97104808 A 19970324

Abstract (en)

[origin: WO9842625A1] There is disclosed a method and apparatus for the electrolytic treatment of water and aqueous salt solutions. A relatively concentrated aqueous salt solution (A) is passed, under pressure, into the working chamber (1) of an electrolytic cell, which cell is divided into a working chamber (1) and an auxiliary chamber (4) by a permeable membrane (3). A first proportion of the solution (A) passes through the membrane (3) into the auxiliary chamber (4), while a second proportion of the solution (A) is passed out of the working chamber (1) and directly recirculated thereto by way of a pipe (12). Gases, such as chlorine, liberated in the working chamber during electrolysis, are dissolved in a water supply (C) so as to generate a supply of water with oxidising properties.

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