

Title (en)

METHOD FOR OPERATING COPPER ELECTROLYSIS CELLS

Title (de)

VERFAHREN ZUM BETREIBEN VON KUPFER-ELEKTROLYSEZELLEN

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER DES CELLULES ÉLECTROLYTIQUES AU CUIVRE

Publication

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Application

EP 08782805 A 20080807

Priority

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Abstract (en)

[origin: WO2009026598A2] In a method for operating copper electrolysis cells which comprise a plurality of anode and cathode plates positioned perpendicularly and parallel to each other, an electrolyte inlet on the longitudinal side and an electrolyte outlet, the electrolyte flows in through the electrolyte inlet horizontally and parallel to the electrodes in each electrode gap at the level of the lower third of the electrodes at a rate of 0.3 to 1.0 m/s, wherein the cathode plates are in a fixed position with respect to the inlet direction. Thus, an optimum flow control of the electrolyte is achieved with respect to the electrodes, which results in an increase in the limiting current density.

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