

Title (en)

CATHODE FOR AQUEOUS ELECTROLYSIS

Publication

**EP 0129088 B1 19870520 (DE)**

Application

**EP 84105859 A 19840523**

Priority

DE 3322169 A 19830621

Abstract (en)

[origin: EP0129088A1] 1. Cathode for an aqueous electrolysis, consisting of a nickel or nickel coated steel support and a coating of ruthenium oxide and nickel oxide formed of several component layers arranged over one another, covering the surface of the support at least partially, with the molar ratio of the oxides in the component layers being different and the relative amount of nickel oxide decreasing from component layer to component layer from the component layer adjoining the support to the component layer forming the surface of the coating.

IPC 1-7

**C25B 11/06**

IPC 8 full level

**C25B 1/46** (2006.01); **C25B 11/04** (2006.01); **C25B 11/06** (2006.01); **C25B 11/08** (2006.01); **C25B 11/10** (2006.01)

CPC (source: EP)

**C25B 11/093** (2021.01)

Citation (examination)

EP 0129734 A2 19850102 - DOW CHEMICAL CO [US]

Cited by

US5227030A; CN102933735A; US5164062A; US5035789A; EP0459410A1; US5066380A; CN114643187A; EP0198752A1; FR2579628A1; US10030300B2; WO2011154094A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**EP 84105859 A 19840523**; DE 3322169 A 19830621; JP 12724384 A 19840620; NO 842443 A 19840618