

Title (en)
ELECTROLYSIS CATHODE AND PROCESS FOR MANUFACTURING SUCH A CATHODE

Publication
EP 0240413 B1 19900919 (FR)

Application
EP 87400662 A 19870325

Priority
FR 8604767 A 19860403

Abstract (en)
[origin: US4798662A] A cathode especially useful in the electrolysis of aqueous solutions of alkali metal halides consisting essentially of an electrically conducting substrate and a heterogeneous coating containing a precious metal and/or a precious metal derivative; said heterogeneous coating consisting of at least two coats a and b, coat a being in contact with the substrate and containing at least one of the constituents selected from precious metals, precious metal oxides, or mixtures of precious metal oxides and at least one oxide selected from the oxides of nickel, cobalt, iron, titanium, hafnium, niobium, tantalum or zirconium, and coat b in contact with the electrolyte and with a coat a and selected from a metal of high covering power; and the process of making the cathode.

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C25B 11/06

IPC 8 full level
C25B 11/00 (2006.01); **C25B 11/04** (2006.01); **C25B 11/06** (2006.01); **C25B 11/08** (2006.01)

CPC (source: EP KR US)
C25B 11/00 (2013.01 - KR); **C25B 11/091** (2021.01 - EP US)

Cited by
FR2775486A1; WO9945175A1

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DOCDB simple family (publication)
EP 0240413 A1 19871007; EP 0240413 B1 19900919; AT E56757 T1 19901015; CA 1285903 C 19910709; CN 1010234 B 19901031; CN 87102588 A 19871014; DE 3764989 D1 19901025; FR 2596776 A1 19871009; FR 2596776 B1 19880603; JP H021918 B2 19900116; JP S62238385 A 19871019; KR 870010220 A 19871130; KR 890002699 B1 19890724; US 4798662 A 19890117

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