

Title (en)

PROCESS FOR MANUFACTURING AN ELECTRODE FOR ELECTROCHEMICAL PROCESSES, AND CATHODE FOR THE ELECTROLYTIC PRODUCTION OF HYDROGEN

Publication

EP 0131978 B1 19880217 (FR)

Application

EP 84200825 A 19840612

Priority

FR 8310285 A 19830620

Abstract (en)

[origin: ES8504968A1] An electrically conductive substrate is coated with a material containing an unsintered powder of a metal active for electrochemical proton reduction and colloidal silica and the said material is heated on the substrate successively in an oxidizing atmosphere and then in a reducing atmosphere. The electrode may be employed as a cathode for electrolytic production of hydrogen in an alkaline medium.

IPC 1-7

C25B 11/06

IPC 8 full level

C25B 1/02 (2006.01); **C25B 1/46** (2006.01); **C25B 11/04** (2006.01); **C25B 11/06** (2006.01); **C25B 11/08** (2006.01)

CPC (source: EP US)

C25B 11/091 (2021.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0131978 A1 19850123; EP 0131978 B1 19880217; AT E32530 T1 19880315; BR 8403008 A 19850528; CA 1229573 A 19871124; DE 3469374 D1 19880324; ES 533526 A0 19850416; ES 8504968 A1 19850416; FI 74742 B 19871130; FI 74742 C 19880310; FI 842495 A0 19840620; FI 842495 A 19841221; FR 2547598 A1 19841221; JP H0676670 B2 19940928; JP S6024388 A 19850207; NO 162524 B 19891002; NO 162524 C 19900110; NO 842456 L 19841221; PT 78754 A 19840701; PT 78754 B 19860714; US 4534837 A 19850813

DOCDB simple family (application)

EP 84200825 A 19840612; AT 84200825 T 19840612; BR 8403008 A 19840619; CA 455759 A 19840604; DE 3469374 T 19840612; ES 533526 A 19840619; FI 842495 A 19840620; FR 8310285 A 19830620; JP 12726484 A 19840620; NO 842456 A 19840619; PT 7875484 A 19840618; US 62222284 A 19840619