

Title (en)

CATHODE FOR THE ELECTROLYTIC PRODUCTION OF HYDROGEN, AND ITS USE

Publication

EP 0113931 B1 19871216 (FR)

Application

EP 83201758 A 19831213

Priority

FR 8221390 A 19821217

Abstract (en)

[origin: US4555317A] Cathode for the electrolytic production of hydrogen, having an active surface which comprises a nickel substrate and a coating film of dendrites of nickel or cobalt. This cathode can be used in a cell for the electrolysis of sodium chloride brine.

IPC 1-7

C25B 11/04

IPC 8 full level

C25B 11/04 (2006.01); **C25B 11/06** (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)

US 4555317 A 19851126; AT E31431 T1 19880115; BR 8306939 A 19840724; CA 1247047 A 19881220; DE 3374950 D1 19880128; EP 0113931 A1 19840725; EP 0113931 B1 19871216; ES 528101 A0 19840801; ES 8406570 A1 19840801; FI 73247 B 19870529; FI 73247 C 19870910; FI 834649 A0 19831216; FI 834649 A 19840618; FR 2538005 A1 19840622; FR 2538005 B1 19870612; JP S59166689 A 19840920; NO 159295 B 19880905; NO 159295 C 19881214; NO 834654 L 19840618; PT 77833 A 19840101; PT 77833 B 19860319

DOCDB simple family (application)

US 56172683 A 19831215; AT 83201758 T 19831213; BR 8306939 A 19831216; CA 443351 A 19831215; DE 3374950 T 19831213; EP 83201758 A 19831213; ES 528101 A 19831216; FI 834649 A 19831216; FR 8221390 A 19821217; JP 23774483 A 19831216; NO 834654 A 19831216; PT 7783383 A 19831216