

Title (en)
Method of making an active cathode

Title (de)
Verfahren zur Herstellung einer aktiven Kathode

Title (fr)
Procédé de fabrication d'une cathode active

Publication
EP 0745700 A1 19961204 (EN)

Application
EP 96108512 A 19960529

Priority
JP 13016895 A 19950529

Abstract (en)
In a method of obtaining an easy-to-handle Raney nickel type of active cathode of high activity, a nickel aluminum alloy-containing film is formed on an electrically conductive substrate. After this, the substrate is treated with alkali to allow aluminum to dissolve therein, and then dipped in an oxidizing agent solution comprising a solution containing at least one member selected from peroxides, percarbonates, and perborates, so that an active cathode stable in the air can be obtained. The active cathode is protected against degradation due to atmospheric air during production or storage.

IPC 1-7
C25B 11/06

IPC 8 full level
C25B 11/03 (2006.01); **C25B 11/04** (2006.01); **C25B 11/06** (2006.01)

CPC (source: EP)
C25B 11/091 (2021.01)

Citation (search report)

- [X] US 4384932 A 19830524 - GRAY THOMAS J
- [A] US 4595468 A 19860617 - BRANNAN JAMES R [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 003, no. 095 (C - 055) 11 August 1979 (1979-08-11)

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US8057713B2; WO2006008012A3

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
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