

Title (en)

SURFACE-PROFILED GRAPHITE CATHODE BLOCK HAVING AN ABRASION-PROOF SURFACE

Title (de)

OBERFLÄCHENPROFILIERTER GRAPHIT-KATHODENBLOCK MIT EINER ABRASIONSBESTÄNDIGEN OBERFLÄCHE

Title (fr)

BLOC CATHODIQUE AU GRAPHITE, PROFILÉ EN SURFACE ET POURVU D'UNE SURFACE RÉSISTANTE À L'ABRASION

Publication

EP 2673401 A2 20131218 (DE)

Application

EP 12703092 A 20120206

Priority

- DE 102011004012 A 20110211
- EP 2012051952 W 20120206

Abstract (en)

[origin: WO2012107396A2] A cathode block for an aluminum electrolytic cell comprises a primary layer and a cover layer arranged thereon, the primary layer containing graphite, the cover layer having a surface which is profiled at least in some sections and the cover layer being composed of a graphite composite material which contains 1 to less than 50% by weight of a hard material having a melting point of at least 1.000°C.

IPC 8 full level

C25C 3/08 (2006.01)

CPC (source: EP)

C25C 3/08 (2013.01)

Citation (search report)

See references of WO 2012107396A2

Cited by

CN106894052A; CN106929688A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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