

Title (en)
SURFACE-PROFILED CATHODE BLOCK CONTAINING HARD MATERIAL

Title (de)
HARTSTOFF ENTHALTENDER OBERFLÄCHENPROFILIERTER KATHODENBLOCK

Title (fr)
BLOC CATHODIQUE À SURFACE PROFILÉE ET CONTENANT UNE SUBSTANCE DURE

Publication
EP 2673398 A2 20131218 (DE)

Application
EP 12702276 A 20120206

Priority
• DE 102011004001 A 20110211
• EP 2012051954 W 20120206

Abstract (en)
[origin: WO2012107397A2] The invention relates to a cathode block for an aluminum electrolytic cell, comprising a base layer and a cover layer arranged thereon, the base layer containing graphite and the cover layer comprising at least in some sections a profiled surface, characterized in that the cover layer is composed of a carbon composite material that comprises 15 to less than 50% by weight of a hard material having a melting point of at least 1000 °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 2012107397A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012107397 A2 20120816; WO 2012107397 A3 20121004; CA 2826860 A1 20120816; CN 103429791 A 20131204;
DE 102011004001 A1 20120816; EP 2673398 A2 20131218; RU 2013141551 A 20150320

DOCDB simple family (application)
EP 2012051954 W 20120206; CA 2826860 A 20120206; CN 201280008623 A 20120206; DE 102011004001 A 20110211;
EP 12702276 A 20120206; RU 2013141551 A 20120206