

Title (en)
CATHODE BLOCK HAVING AN ABRASION-RESISTANT SURFACE THAT CAN BE WETTED

Title (de)
KATHODENBLOCK MIT EINER BENETZBAREN UND ABRASIONSBESTÄNDIGEN OBERFLÄCHE

Title (fr)
BLOC CATHODIQUE AYANT UNE SURFACE MOUILLABLE ET RÉSISTANT À L'ABRASION

Publication
EP 2956573 A1 20151223 (DE)

Application
EP 14703885 A 20140212

Priority
• DE 102013202437 A 20130214
• EP 2014052731 W 20140212

Abstract (en)
[origin: CA2900418A1] The invention relates to a cathode block for an aluminum electrolytic cell composed, at least in some sections, of a material that can be obtained by burning a mixture, which mixture contains at least one material containing carbon having a degree of graphitization calculated in accordance with Maire and Mehring from the mean layer distance $c/2$ after a heat treatment at 2,800 °C of at most 0.50 and at least one nonoxide ceramic.

IPC 8 full level
C25C 3/08 (2006.01)

CPC (source: EP)
C25C 3/08 (2013.01)

Citation (search report)
See references of WO 2014124970A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102013202437 A1 20140814; CA 2900418 A1 20140821; CA 2900418 C 20180102; CN 105026619 A 20151104; EP 2956573 A1 20151223; JP 2016514204 A 20160519; RU 2015138609 A 20170320; UA 115170 C2 20170925; WO 2014124970 A1 20140821

DOCDB simple family (application)
DE 102013202437 A 20130214; CA 2900418 A 20140212; CN 201480008980 A 20140212; EP 14703885 A 20140212; EP 2014052731 W 20140212; JP 2015557413 A 20140212; RU 2015138609 A 20140212; UA A201508810 A 20140212