

Title (en)
Aluminiumcarbide-free aluminium alloy

Title (de)
Aluminiumcarbidgefreie Aluminiumlegierung

Title (fr)
Alliage d'aluminium sans carbure d'aluminium

Publication
EP 1820866 B1 20140820 (DE)

Application
EP 06002809 A 20060213

Priority
EP 06002809 A 20060213

Abstract (en)
[origin: EP1820866A1] Claimed is an aluminum alloy for the manufacture of a lithographic print plate devoid of aluminum carbide. The aluminum carbide content is less than 1 ppm. Further claimed is an electrolytic process in which aluminum oxide is processed, following which liquid aluminum is subjected to a multi-stage refining process and converted to sheet aluminum.

IPC 8 full level
C22B 21/06 (2006.01)

CPC (source: EP US)
C22B 21/06 (2013.01 - EP US); **C22C 21/00** (2013.01 - EP US)

Cited by
EP2284288A1; US11280292B2; US9914318B2; EP1937860B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1820866 A1 20070822; EP 1820866 B1 20140820; EP 1820866 B2 20180808; BR PI0707735 A2 20110510; BR PI0707735 B1 20170328; BR PI0707735 B8 20230110; CN 101405415 A 20090408; CN 101405415 B 20110112; ES 2524005 T3 20141203; ES 2524005 T5 20181210; US 2009220376 A1 20090903; US 2012195788 A1 20120802; US 8869875 B2 20141028; WO 2007093605 A1 20070823

DOCDB simple family (application)
EP 06002809 A 20060213; BR PI0707735 A 20070213; CN 200780010378 A 20070213; EP 2007051404 W 20070213; ES 06002809 T 20060213; US 201213423602 A 20120319; US 27910707 A 20070213