

Title (en)  
Aluminiumcarbide-free aluminium alloy

Title (de)  
Aluminiumcarbidfreie Aluminiumlegierung

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

Publication  
**EP 1820866 B2 20180808 (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)

Citation (opposition)  
Opponent :

- EP 1937860 B1 20130814 - HYDRO ALUMINIUM DEUTSCHLAND [DE]
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- RASCH B. ET AL: "Refining of potroom metal using the hydro RAM crucible fluxing process", LIGHT METALS, 1998, pages 851 - 854
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Cited by  
EP2284288A1; US11280292B2; US9914318B2; EP1937860B2

Designated contracting state (EPC)  
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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

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