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
- RODSETH J. ET AL: "Solubility of carbon in aluminium and its effect upon the casting process", LIGHT METAL, 2002
- ROY R.R. ET AL: "Inclusion removal during chlorine fluxing of aluminium alloys", LIGHT METALS, 1998, pages 871 - 875

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EP2284288A1; US9914318B2; US11280292B2; EP1937860B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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