

Title (en)

Aluminium alloy blank for lithographic printing plate and support for lithographic printing plate

Title (de)

Aluminiumlegierungrohling für lithographische Druckplatte und Träger für lithographische Druckplatte

Title (fr)

Ebauche d'alliage d'aluminium pour plaque d'impression lithographique et support de plaque d'impression lithographique

Publication

EP 1516744 A3 20070704 (EN)

Application

EP 04022172 A 20040917

Priority

JP 2003327515 A 20030919

Abstract (en)

[origin: EP1516744A2] There is provided an aluminum alloy blank for a lithographic printing plate comprising iron in a range of 0.20 to 0.80 wt%; and the balance being aluminum, a crystal grain refining element, and unavoidable impurity elements. In the aluminum alloy blank, a content of silicon is in a range of 0.02 to 0.30 wt% and a content of copper is equal to or below 0.05 wt% among the impurity elements, and a solid solution amount of silicon is in a range of 150 ppm to 1500 ppm inclusive.

IPC 8 full level

C22C 21/00 (2006.01); **B41N 1/08** (2006.01); **B41N 3/03** (2006.01); **C25F 3/04** (2006.01)

CPC (source: EP)

B41N 1/083 (2013.01); **B41N 3/034** (2013.01); **C22C 21/00** (2013.01); **C25F 3/04** (2013.01)

Citation (search report)

- [XY] EP 0978573 A2 20000209 - NIPPON LIGHT METAL CO [JP], et al
- [XY] EP 0672759 A1 19950920 - FUJI PHOTO FILM CO LTD [JP]
- [XY] EP 0581321 A2 19940202 - FUJI PHOTO FILM CO LTD [JP]
- [XY] EP 1231075 A2 20020814 - FUJI PHOTO FILM CO LTD [JP]
- [AY] EP 0657559 A1 19950614 - NIPPON LIGHT METAL CO [JP], et al
- [AD] EP 0640694 A1 19950301 - NIPPON LIGHT METAL CO [JP], et al
- [PX] JP 2003342659 A 20031203 - SKY ALUMINIUM, et al

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CN113151757A; EP1752308A1; US2012135222A1; US2012129002A1; GB2461240A; US8338073B2; US9914318B2; EP1937860B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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EP 1516744 A2 20050323; **EP 1516744 A3 20070704**; **EP 1516744 B1 20091118**; AT E449197 T1 20091215; DE 602004024160 D1 20091231; JP 2005089846 A 20050407; JP 4250490 B2 20090408

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