

Title (en)

Aluminium alloy support for lithography, process for producing thereof and lithographic printing plate using the same.

Title (de)

Aluminiumlegierungsträger für Flachdruckformen, Verfahren zu seiner Herstellung und aus dieser Legierung hergestellte Flachdruckformen.

Title (fr)

Alliage d'aluminium pour plaque d'impression lithographique, son procédé de fabrication et plaque d'impression lithographique utilisant cet alliage.

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Application

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Abstract (en)

An aluminum alloy support for a lithographic printing plate is disclosed, wherein the aluminum alloy support comprises 0.30 wt% to less than 1.0 wt % of Mg, more than 0.3 wt% up to 1.3 wt% of Si, 0.003 wt% to 0.10 wt% of Cu, the balance being Al and usual impurities. Preferably the average width of the grain perpendicular to the rolling direction is at most 40 μ m. A process for producing the support via various rolling and annealing steps and a lithographic printing plate with a light-sensitive coating using the support are also disclosed.

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Citation (search report)

- [X] GB 1421710 A 19760121 - BRITISH ALUMINIUM CO LTD
- [A] DE 1206596 B 19651209 - VER LEICHTMETALLWERKE GMBH
- [A] EP 0164856 A1 19851218 - FUJI PHOTO FILM CO LTD [JP], et al
- [A] FR 1300615 A 19620803
- [A] FR 2336261 A1 19770722 - POLYCHROME CORP [US]

Cited by

EP0442532A1; CN110241337A; EP0978573A3; US9914318B2; US2009016928A1; EP0470529A1; EP2623639A1; EP0548007A1; CH685707A5; US6670099B2; US2016161199A1; EP0942071A1; CN1095877C; US11260439B2; US11326232B2; WO2013113598A1; EP2067871B2; EP2964800B1

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