

Title (en)

Aluminium alloy substrate for digitally imageable lithographic printing plate and process for producing the same

Title (de)

Substrat aus Aluminium-Legierung für lithographische Druckplatten und Verfahren zu seiner Herstellung

Title (fr)

Substrat en alliage d'aluminium pour une plaque d'impression lithographique et procédé de son fabrication

Publication

**EP 1543899 A2 20050622 (EN)**

Application

**EP 04078437 A 20041217**

Priority

- EP 04078437 A 20041217
- EP 03079025 A 20031217

Abstract (en)

Disclosed is a method for the production of an aluminium alloy support for a digitally imageable lithographic printing plate, comprising forming a support by carrying out the subsequent steps of: continuously casting a molten aluminium alloy to form a strip having a thickness less than 30 mm; cold rolling said strip to form said support; optionally a heat treatment step of said support; correction of the support; and mildly graining said support; followed by providing a digitally imageable coating on said support, whereby said printing plate is obtained, characterized in that said aluminium alloy composition contains an iron amount between 0.15% by weight and 0.50% by weight; a silicon amount between 0.05% by weight and 0.20% by weight; and a copper amount between 0.005% by weight and 0.040% by weight.

IPC 1-7

**B22D 11/06**; **C22C 21/00**; **B21B 3/00**; **B41N 1/08**

IPC 8 full level

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CPC (source: EP)

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Cited by

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