

Title (en)
LITHO STRIP HAVING FLAT TOPOGRAPHY AND PRINTING PLATE PRODUCED THEREFROM

Title (de)
LITHOBAND MIT FLACHER TOPOGRAPHIE UND DARAUS HERGESTELLTE DRUCKPLATTE

Title (fr)
BANDE LITHOGRAPHIQUE AYANT UNE TOPOGRAPHIE PLATE ET PLAQUE D'IMPRESSION PRODUITE À PARTIR DE CETTE DERNIÈRE

Publication
EP 4127257 B1 20240313 (DE)

Application
EP 21713984 A 20210326

Priority
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• EP 20165738 A 20200326

Abstract (en)
[origin: WO2021191425A1] The invention relates to an aluminum alloy strip for lithographic printing plate supports, which strip has a rolled-in surface topography on at least one strip surface; a method for producing the aluminum alloy strip; and a printing plate for lithographic printing which has a printing plate support made of an aluminum alloy. The problem, that of providing an aluminum alloy strip for lithographic printing plate supports, which strip provides a long service life in the printing process in spite of the decreasing thickness of the imaging coating, and can be roughened with less input of charge carriers, is solved in that the surface of the aluminum alloy strip has an average peak value RP_c measured perpendicularly to the rolling direction of the aluminum alloy strip of $\leq 50 \text{ cm}^{-1}$, preferably $\leq 45 \text{ cm}^{-1}$ or particularly preferably $\leq 40 \text{ cm}^{-1}$, where $c_1 = + 0.25 \text{ }\mu\text{m}$ and $c_2 = - 0.25 \text{ }\mu\text{m}$ have been selected as intersecting lines for the RP_c measurement.

IPC 8 full level
C22C 21/00 (2006.01); **B41N 1/08** (2006.01); **C22F 1/04** (2006.01)

CPC (source: EP KR US)
B41N 1/083 (2013.01 - EP KR US); **C22C 21/00** (2013.01 - EP KR US); **C22F 1/04** (2013.01 - EP KR US)

Citation (examination)
ZX PRINTER: "Lithographic Plate Composition", 10 June 2013 (2013-06-10), pages 1 - 2, XP055889665, Retrieved from the Internet <URL:https://www.zxprinter.com/support/22.html> [retrieved on 20220209]

Designated contracting state (EPC)
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