

Title (en)

Lithographic printing plate support, method of manufacturing the same and presensitized plate

Title (de)

Lithografische Druckplattenunterstützung, Verfahren zur Herstellung davon und vorbeschichtete Platte

Title (fr)

Support de plaque d'impression lithographique, son procédé de fabrication et plaque présensibilisée

Publication

EP 2353882 B1 20130313 (EN)

Application

EP 11152492 A 20110128

Priority

- JP 2010019766 A 20100129
- JP 2011008775 A 20110119

Abstract (en)

[origin: EP2353882A1] A lithographic printing plate support includes an aluminum plate and an anodized aluminum film having micropores which extend in a depth direction of the micropores from a surface of the anodized film opposite from the aluminum plate. Each of the micropores has a large-diameter portion which extends to a depth A of 5 to 60 nm from the surface of the anodized film and a small-diameter portion which communicates with a bottom of the large-diameter portion and extends to a depth of 900 to 2,000 nm from a communication position. The lithographic printing plate support has excellent scratch resistance and is capable of obtaining a presensitized plate which exhibits excellent on-press developability and which enables a lithographic printing plate formed therefrom to have a long press life and excellent deinking ability when left to stand.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN104487261A; CN115726014A; CN109863033A; CN109729714A; EP3476616A4; WO2021055187A1; US9259954B2; WO2013032780A1; US10363734B2; WO2023167796A1; WO2022132444A1; WO2018160379A1; US10828884B2; US11813884B2; US11964466B2; US10875346B2; WO2021067054A1; US11117412B2; WO2024035548A1; WO2021194741A1; WO2022051095A1; WO2023003712A1; US10639924B2; US10696083B2; US10800195B2; US10919331B2; WO2022119719A1; US11498353B2

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