

Title (en)

Support for lithographic printing plate and presensitized plate

Title (de)

Träger für Flachdruckplatte und vorsensibilisierte Druckplatte

Title (fr)

Support pour plaque d'impression lithographique et plaque présensibilisée

Publication

EP 1518710 A3 20050608 (EN)

Application

EP 04020031 A 20040824

Priority

JP 2003331342 A 20030924

Abstract (en)

[origin: EP1518710A2] A support for a lithographic printing plate is composed of a metal base that has been grained and anodized then subjected to treatment with an aqueous solution containing an inorganic fluorine compound and a phosphate compound, followed or preceded by treatment with a silicate compound-containing aqueous solution, and an intermediate layer which lies on the treated metal base and contains an acid group-bearing polymeric compound. Presensitized plates composed in part of the support, when used as on-machine development type plates, have a good on-machine developability, high sensitivity, long press life and good resistance to scumming. When used as positive or negative-working thermal plates, such presensitized plates efficiently utilize heat in image formation, have a high sensitivity and a long press life, and minimize scumming in non-image areas.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

B41N 3/038 (2013.01); **B41N 1/083** (2013.01)

Citation (search report)

- [X] EP 1231074 A2 20020814 - FUJI PHOTO FILM CO LTD [JP]
- [XA] EP 1170149 A2 20020109 - FUJI PHOTO FILM CO LTD [JP]
- [X] EP 1266753 A2 20021218 - FUJI PHOTO FILM CO LTD [JP]
- [A] EP 1251014 A2 20021023 - FUJI PHOTO FILM CO LTD [JP]
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- [A] DATABASE WPI Section Ch Week 200417, Derwent World Patents Index; Class A89, AN 2004-172077, XP002312070

Designated contracting state (EPC)

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