

Title (en)

Lithographic printing plate precursor and method of preparing lithographic printing plate

Title (de)

Lithographiedruckplattenvorläufer und Verfahren zur Herstellung einer Lithographiedruckplatte

Title (fr)

Précurseur de plaque d'impression lithographique et procédé pour la préparation d'une plaque d'impression lithographique

Publication

EP 2042337 A1 20090401 (EN)

Application

EP 08017055 A 20080926

Priority

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Abstract (en)

A lithographic printing plate precursor includes: a support having a surface, a contact angle of water droplet in air on which is 70° or more; and a photosensitive layer, wherein the support has a compound having a functional group X on a surface of the support, the functional group X is a functional group capable of being decomposed to convert to a functional group Y, when the functional group X is treated with an aqueous solution having pH of from 2 to 10, so as to decrease the contact angle of water droplet in air on the surface of the support to 30° or less.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 1396756 A2 20040310 - FUJI PHOTO FILM CO LTD [JP]
- EP 1695822 A2 20060830 - FUJI PHOTO FILM CO LTD [JP]
- EP 0869394 A1 19981007 - FUJI PHOTO FILM CO LTD [JP]

Citation (search report)

- [Y] EP 1396756 A2 20040310 - FUJI PHOTO FILM CO LTD [JP]
- [Y] EP 1695822 A2 20060830 - FUJI PHOTO FILM CO LTD [JP]
- [A] EP 0869394 A1 19981007 - FUJI PHOTO FILM CO LTD [JP]
- [A] EP 0922570 A2 19990616 - FUJI PHOTO FILM CO LTD [JP]

Cited by

EP3991983A4; EP2554394A4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (application)

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