

Title (en)
Planographic printing plate precursor

Title (de)
Flachdruckplattenvorläufer

Title (fr)
Précurseur de plaque d'impression planographique

Publication
EP 1902840 A2 20080326 (EN)

Application
EP 07018369 A 20070919

Priority
JP 2006259359 A 20060925

Abstract (en)
A positive planographic printing plate precursor that can be subjected to direct plate making due to scanning exposure based on a digital signal and is excellent in the reproducibility of a high definition image, the printing durability of a small-area image portion such as a dot or a fine line, and chemical resistance, is provided. The invention provides a planographic printing plate precursor formed by disposing, on a support, a recording layer that includes a lower layer containing a polymer compound having a constituent expressed by formula (I) below and an upper layer that contains a water-insoluble and alkali-soluble resin and an infrared absorber and increases in solubility to an alkaline aqueous solution under exposure, wherein in formula (I), n represents an integer from 0 to 2 and A represents an aryl group.

IPC 8 full level
B41C 1/10 (2006.01)

CPC (source: EP)
B41C 1/1016 (2013.01); **B41C 2210/02** (2013.01); **B41C 2210/06** (2013.01); **B41C 2210/14** (2013.01); **B41C 2210/22** (2013.01); **B41C 2210/24** (2013.01); **B41C 2210/262** (2013.01)

Citation (applicant)
• JP H10250255 A 19980922 - AGFA GEVAERT NV
• JP H11194483 A 19990721 - AGFA GEVAERT NV [BE]
• JP S58125246 A 19830726 - RICOH KK
• JP S5984356 A 19840516 - RICOH KK
• JP S59202829 A 19841116 - SANPO GOUKIN KOGYO KK
• JP S6078787 A 19850504 - RICOH KK
• JP S58173696 A 19831012 - CANON KK
• JP S58181690 A 19831024 - CANON KK

Designated contracting state (EPC)
DE GB

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1902840 A2 20080326; **EP 1902840 A3 20100707**; **EP 1902840 B1 20110706**; JP 2008076996 A 20080403

DOCDB simple family (application)
EP 07018369 A 20070919; JP 2006259359 A 20060925