

Title (en)  
Planographic printing plate precursor

Title (de)  
Flachdruckplattenvorläufer

Title (fr)  
Précurseur de plaque d'impression planographique

Publication  
**EP 2042310 A3 20101027 (EN)**

Application  
**EP 08017057 A 20080926**

Priority  
JP 2007251633 A 20070927

Abstract (en)  
[origin: EP2042310A2] The invention provides a planographic printing plate precursor having at least, in this order: a support; two or more positive recording layers respectively having at least a resin and an infrared absorber and respectively having a solubility with respect to an aqueous alkali solution that is increased by exposure to infrared laser light; and a layer having at least a polymer compound, wherein: the polymer compound has at least one of a fluorine-substituted hydrocarbon group or a siloxane group; of the two or more positive recording layers, a positive recording layer that is nearest to the support contains at least two resins; and one of the two resins constitutes a dispersion phase that is dispersed in a matrix phase which serves as a dispersing medium and contains at least the other of the two resins. The invention further provides a method of forming the planographic printing plate precursor.

IPC 8 full level  
**B41C 1/10** (2006.01)

CPC (source: EP)  
**B41C 1/1008** (2013.01); **B41C 1/1016** (2013.01); **B41C 2201/02** (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 (search report)

- [Y] EP 1568491 A2 20050831 - FUJI PHOTO FILM CO LTD [JP]
- [YD] EP 1738902 A1 20070103 - AGFA GEVAERT [BE]
- [Y] EP 1705006 A1 20060927 - FUJI PHOTO FILM CO LTD [JP]

Cited by  
EP2644379A1

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)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2042310 A2 20090401; EP 2042310 A3 20101027; EP 2042310 B1 20160817; JP 2009085984 A 20090423**

DOCDB simple family (application)  
**EP 08017057 A 20080926; JP 2007251633 A 20070927**