

Title (en)
Lithographic printing plate precursor

Title (de)
Lithografiedruckplattenvorläufer

Title (fr)
Précurseur de plaque d'impression lithographique

Publication
EP 2236293 A2 20101006 (EN)

Application
EP 10003001 A 20100322

Priority
JP 2009085239 A 20090331

Abstract (en)
The present invention provides an infrared-sensitive positive-working photosensitive lithographic printing plate precursor that exhibits both an excellent chemical resistance in the image area and an excellent developability. This positive-working photosensitive lithographic printing plate precursor comprises a support having a hydrophilic surface, and a recording layer disposed on the support and comprising an alkali-soluble or alkali-swellaible polymer having a structural unit represented by general formula (1) below, a novolac resin, an infrared absorber, and at least one member selected from aromatic group-containing sulfonium salts and iodonium salts wherein R 1 represents a hydrogen atom or methyl group, X represents a single bond, -COO-, or -CONH-, Ar 1 and Ar 2 each represent an optionally substituted aromatic group or heteroaromatic group, and Y represents -SO 2 NH- or -NHSO 2 -.

IPC 8 full level
B41C 1/10 (2006.01)

CPC (source: EP)
B41C 1/1008 (2013.01); **B41C 1/1016** (2013.01); **B41C 2201/04** (2013.01); **B41C 2201/12** (2013.01); **B41C 2201/14** (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)

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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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
EP 2236293 A2 20101006; EP 2236293 A3 20121003; JP 2010237435 A 20101021

DOCDB simple family (application)
EP 10003001 A 20100322; JP 2009085239 A 20090331