

Title (en)
Lithographic printing plate precursor

Title (de)
Lithografiedruckplattenvorläufer

Title (fr)
Précurseur de plaque d'impression lithographique

Publication
EP 2236293 A3 20121003 (EN)

Application
EP 10003001 A 20100322

Priority
JP 2009085239 A 20090331

Abstract (en)
[origin: EP2236293A2] 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-swellable 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 -.

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Citation (search report)

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- [Y] EP 0823327 A2 19980211 - MITSUBISHI CHEM CORP [JP]
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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

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