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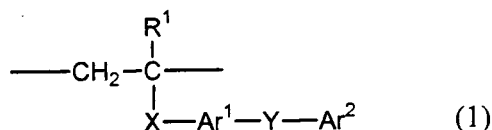
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(54) **Lithographic printing plate precursor**

(57) 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-swelling 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 R¹ represents a hydrogen atom or methyl group, X represents a single bond, -COO-, or -CONH-, Ar¹ and Ar² each represent an optionally substituted aromatic group or heteroaromatic group, and Y represents -SO₂NH- or -NHSO₂-.



EUROPEAN SEARCH REPORT

Application Number
EP 10 00 3001

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Place of search Munich		Date of completion of the search 23 August 2012	Examiner Patosuo, Susanna
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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