

Title (en)

Planographic printing plate precursor and method for producing a planographic printing plate

Title (de)

Flachdruckplattenvorläufer und Verfahren zur Herstellung einer Flachdruckplatte

Title (fr)

Précurseur de plaque d'impression planographique et procédé de production d'un plaque d'impression planographique

Publication

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Application

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Priority

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Abstract (en)

A planographic printing plate precursor includes a substrate having a hydrophilic surface; and two or more recording layers provided on the substrate and each independently containing an alkali-soluble resin, in which at least one of the two or more recording layers is a positive-working recording layer including an infrared absorbing agent, and in which, of the two or more recording layers, a recording layer provided in closest proximity to the substrate includes a resin (A) having an onium salt structure and a (meth)acrylic resin (B) having at least one repeating unit selected from a structural unit represented by the following Formula (I) or a structural unit represented by the following Formula (II): wherein, R 1 represents a hydrogen atom or an alkyl group; Z represents -O- or -N(R 2)- wherein R 2 represents a hydrogen atom, an alkyl group, or the like; Ar 1 and Ar 2 each independently represent an aromatic group, and at least one of Ar 1 or Ar 2 is a heteroaromatic group; and a and b each independently represent 0 or 1.

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