

Title (en)

Lithographic printing plate precursor and plate making method using the precursor

Title (de)

Lithogruhdruclattenvorläufer und Plattenherstellungsverfahren damit

Title (fr)

Précurseur de plaque d'impression lithographique et procédé de fabrication de plaque correspondant

Publication

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Application

EP 09000874 A 20090122

Priority

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Abstract (en)

A lithographic printing plate precursor includes a support and an image-recording layer an unexposed area of which can be removed after imagewise exposure by supplying printing ink and dampening water or supplying a gum solution, wherein a betaine compound represented by the following formula (I) or (II) is contained in the image-recording layer or in a layer provided between the support and the image-recording layer: wherein R 1 to R 3 each independently represents an alkyl group having from 1 to 5 carbon atoms, an alkenyl group, an alkynyl group, a cycloalkyl group or an aryl group, each of which groups may be substituted with a hydroxy group or an amino group, Z represents an alkylene group having from 1 to 4 carbon atoms, which may be substituted with a hydroxy group, or at least two of R 1 to R 3 and Z may be combined with each other to form a heterocyclic ring.

IPC 8 full level

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