

Title (en)

Radiation-sensitive recording material for the production of waterless offset printing plates

Title (de)

Strahlungsempfindliches Aufzeichnungsmaterial zur Herstellung von Wasserlos-Offsetdruckplatten

Title (fr)

Matériau d'enregistrement sensible aux radiations pour la fabrication de plaques d'impression offset sans eau

Publication

EP 1031413 B1 20040428 (DE)

Application

EP 00103354 A 20000222

Priority

DE 19908528 A 19990226

Abstract (en)

[origin: EP1031413A2] An infrared-sensitive recording medium comprises in sequence: (a) a support; (b) a primer layer comprising a mixture of an unmodified epoxy resin (I), a functionalized polymer (II) and a crosslinking agent that reacts with (I) and (II); (c) an infrared-sensitive layer; and (d) a silicone layer. An Independent claim is also included for a process for producing a plate for waterless offset printing, comprising irradiating the recording medium imagewise with infrared radiation (preferably laser radiation) and removing ablated material with water or an aqueous solution.

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B41C 1/10

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN109796772A; CN109749454A; US7291445B2; WO2053630A1; WO2004011259A1; US6737162B2; US8875629B2

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