

Title (en)

Imaging of an offset printing plate

Title (de)

Bebilderung einer Offset-Druckform

Title (fr)

Marquage d'une plaque d'impression offset

Publication

EP 2090429 B1 20110608 (DE)

Application

EP 08101584 A 20080213

Priority

EP 08101584 A 20080213

Abstract (en)

[origin: EP2090429A1] The method involves applying a printing form (2) of a pourable, hardenable coating material e.g. lacquer (3), on a hydrophobic surface in a printing machine by application devices (8, 9, 10). The coating material is hardened by ultraviolet or infrared irradiation or drying by irradiation devices (11, 12), where the hardened material exhibits a hydrophilic surface. The hardened material is removed by laser irradiation so that the hydrophobic surface of the printing form is laid open, where the printing forms with a carrier structure of steel or aluminum and a surface layer of nickel and copper. The coating material consists of amino group, carboxyl group and silane. Independent claims are also included for the following: (1) a device for imaging a printing form (2) an offset-printing form comprising a carrier structure and a surface layer.

IPC 8 full level

B41C 1/05 (2006.01)

CPC (source: EP)

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