

Title (en)

DEVICE FOR CREATING A PRINTING PLATE AND DEVELOPMENT PROCESS

Title (de)

VORRICHTUNG ZUM ERSTELLEN VON DRUCKPLATTEN UND ENTWICKLUNGSVERFAHREN

Title (fr)

DISPOSITIF POUR LA RÉALISATION D'UNE PLAQUE D'IMPRESSION ET PROCÉDÉ DE RÉALISATION

Publication

**EP 2021180 B1 20111130 (FR)**

Application

**EP 07766096 A 20070524**

Priority

- FR 2007051325 W 20070524
- FR 0651933 A 20060529

Abstract (en)

[origin: FR2901506A1] The device has an applying device (3) applying liquid photopolymer on a support (1) in a photopolymer layer (2) having a preset thickness. A detector (5) e.g. reflection detector, is mounted on a downstream side of the device (3) such that the detector is arranged above a part of the layer. A comparator compares a real thickness of the layer's part with the preset thickness. An electric signal generator generates a correction signal when the difference between the thicknesses is obtained, where the generator is connected to an adjusting device adjusting the flow of photopolymer. An independent claim is also included for a method of manufacturing a printing plate.

IPC 8 full level

**B41C 1/05** (2006.01); **B41C 1/10** (2006.01)

CPC (source: EP US)

**B05C 5/0262** (2013.01 - EP US); **B05C 11/10** (2013.01 - EP US); **B05C 11/1005** (2013.01 - EP US); **B41C 1/05** (2013.01 - EP US); **B41C 1/10** (2013.01 - EP US); **B05B 12/084** (2013.01 - EP US)

Cited by

US11413650B2; US11331688B2; US11241708B2; US11267014B2; US11369987B2; US11504739B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**FR 2901506 A1 20071130**; **FR 2901506 B1 20110211**; CN 101448643 A 20090603; EP 2021180 A1 20090211; EP 2021180 B1 20111130; ES 2376914 T3 20120320; JP 2009538751 A 20091112; JP 5043101 B2 20121010; US 2010233354 A1 20100916; WO 2007138218 A1 20071206

DOCDB simple family (application)

**FR 0651933 A 20060529**; CN 200780018771 A 20070524; EP 07766096 A 20070524; ES 07766096 T 20070524; FR 2007051325 W 20070524; JP 2009512648 A 20070524; US 30180407 A 20070524