

Title (en)

Method and device for printing plate-shaped workpieces

Title (de)

Verfahren und Vorrichtung zum Bedrucken von plattenförmigen Werkstücken

Title (fr)

Procédé et dispositif destinés à l'impression d'objets en forme de plaques

Publication

**EP 1842666 A3 20110525 (DE)**

Application

**EP 07003380 A 20070217**

Priority

DE 102006016694 A 20060408

Abstract (en)

[origin: EP1842666A2] The method involves measuring the thickness of each workpiece (7) before or during the transport to a printing gap (2), which is adjusted before the printing by parallel or slant angular changes of the gap of two press rollers (3) together. The thickness is measured at two points, where the line connecting the two measuring points, runs parallel to the axis of press rollers. The measurement is done in real time in the direction of transport across the entire length of the workpiece. The additional forces, which act upon the bearing of the press rollers, are measured during the printing. An independent claim is also included for a device for accomplishing the method for printing disc shaped workpieces in printing gap.

IPC 8 full level

**B41F 13/34** (2006.01); **B41F 17/26** (2006.01); **B41F 33/00** (2006.01); **B44F 9/02** (2006.01)

CPC (source: EP US)

**B41F 13/34** (2013.01 - EP US); **B41F 17/26** (2013.01 - EP US); **B41F 33/0072** (2013.01 - EP US); **B44F 9/02** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1842666 A2 20071010; EP 1842666 A3 20110525; EP 1842666 B1 20130327**; BR PI0701351 A 20071211; CN 101049756 A 20071010; DE 102006016694 A1 20071018; DE 102006016694 B4 20101007; ES 2433375 T3 20131210; TW 200744854 A 20071216; US 2008028960 A1 20080207

DOCDB simple family (application)

**EP 07003380 A 20070217**; BR PI0701351 A 20070404; CN 200710091075 A 20070406; DE 102006016694 A 20060408; ES 07003380 T 20070217; TW 96110302 A 20070326; US 69166307 A 20070327