

Title (en)
PRINTING UNIT WITH PLATE CYLINDER AND PLATE CHANGING DEVICE

Title (de)
DRUCKWERK MIT EINEM PLATTENZYLINDER UND PLATTENWECHSLER

Title (fr)
UNITÉ D'IMPRESSION AVEC CYLINDRE PORTE-PLAQUES ET DISPOSITIF POUR CHANGER LES PLAQUES D'IMPRESSION

Publication
EP 3169519 B1 20180425 (DE)

Application
EP 15731958 A 20150629

Priority
• DE 102014213811 A 20140716
• DE 102014221220 A 20141020
• EP 2015064646 W 20150629

Abstract (en)
[origin: WO2016008703A1] The invention relates to a printing unit having a printing forme cylinder (04), wherein a plate changer (14) is arranged in a manner which is allocated to the printing forme cylinder (04), wherein the plate changer (14) has a bearing surface (16), on which a printing forme which is arranged or is to be arranged on the printing forme cylinder (04) can be laid, wherein said bearing surface (16) is arranged such that it can be moved to and fro between at least two defined positions longitudinally with respect to the rotational axis of the printing forme cylinder (04), characterized in that the printing forme is arranged in register on the bearing surface (16) of the plate changer (14), wherein at least two edges of a carrier of the relevant printing forme which are arranged at a right angle with respect to one another are brought into physical contact with register pins which are arranged on the bearing surface (16) of the plate changer (14), wherein a first edge of the carrier of the relevant printing forme is arranged so as to bear against a first register pin and a second edge, orthogonal with respect to the first edge, of the carrier of the relevant printing forme is arranged so as to bear against a second register pin, wherein said printing unit is preferably arranged in a device for printing hollow bodies.

IPC 8 full level
B41F 17/00 (2006.01); **B41F 17/18** (2006.01); **B41F 17/28** (2006.01); **B41F 17/30** (2006.01); **B41F 17/32** (2006.01); **B41F 27/12** (2006.01); **B41F 31/00** (2006.01)

CPC (source: EP US)
B41F 17/002 (2013.01 - EP US); **B41F 17/22** (2013.01 - EP US); **B41F 27/005** (2013.01 - EP US); **B41F 27/02** (2013.01 - US); **B41F 27/1206** (2013.01 - EP US); **B41F 27/1231** (2013.01 - EP US); **B41P 2227/30** (2013.01 - US); **B41P 2227/62** (2013.01 - EP US); **B41P 2227/63** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016008703 A1 20160121; EP 3169519 A1 20170524; EP 3169519 B1 20180425; PL 3169519 T3 20180731; US 2017197403 A1 20170713; US 9895875 B2 20180220

DOCDB simple family (application)
EP 2015064646 W 20150629; EP 15731958 A 20150629; PL 15731958 T 20150629; US 201515321399 A 20150629