

Title (en)

DEVICE WITH SEVERAL PRINTING UNITS EACH FOR PRINTING ON HOLLOW BODIES

Title (de)

VORRICHTUNG MIT MEHREREN DRUCKWERKEN JEWEILS ZUM BEDRUCKEN VON HOHLKÖRPERN

Title (fr)

DISPOSITIF AVEC PLUSIEURS UNITÉS D'IMPRESSION POUR IMPRIMER SUR CORPS CREUX

Publication

EP 3169520 A1 20170524 (DE)

Application

EP 15732663 A 20150629

Priority

- DE 102014213813 A 20140716
- DE 102014221220 A 20141020
- EP 2015064648 W 20150629

Abstract (en)

[origin: WO2016008705A1] The invention relates to an apparatus comprising a plurality of printing units for printing hollow elements; a conveying device conveys the hollow elements to be printed into a printing zone of at least one of the printing units; at least one of the printing units includes a plate cylinder (04) to which a plate replacing mechanism (14) is assigned.

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)

CPC (source: CN EP US)

B41F 17/002 (2013.01 - CN EP US); **B41F 17/22** (2013.01 - CN EP US); **B41F 27/005** (2013.01 - US); **B41F 27/1206** (2013.01 - CN EP US); **B41F 27/1231** (2013.01 - CN EP US); **B41J 2/01** (2013.01 - US); **B41F 27/02** (2013.01 - US); **B41P 2227/61** (2013.01 - CN EP US); **B41P 2227/62** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016008705A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016008705 A1 20160121; CN 106536202 A 20170322; CN 106536202 B 20180109; EP 3169520 A1 20170524; EP 3169520 B1 20180425; JP 2017519669 A 20170720; JP 6250224 B2 20171220; PL 3169520 T3 20180731; US 2017190169 A1 20170706; US 9895876 B2 20180220

DOCDB simple family (application)

EP 2015064648 W 20150629; CN 201580035835 A 20150629; EP 15732663 A 20150629; JP 2017502594 A 20150629; PL 15732663 T 20150629; US 201515325107 A 20150629