

Title (en)

METHOD FOR OPERATING A DEVICE FOR PRINTING HOLLOW BODIES

Title (de)

VERFAHREN ZUM BETRIEB EINER VORRICHTUNG ZUM BEDRUCKEN VON HOHLKÖRPERN

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF D'IMPRESSION DE CORPS CREUX

Publication

EP 3582969 B1 20201216 (DE)

Application

EP 18702992 A 20180201

Priority

- DE 102017202382 A 20170215
- EP 2018052506 W 20180201

Abstract (en)

[origin: WO2018149653A1] The invention relates to a method for operating a device for printing hollow bodies, said device comprising a rotating segment wheel (03) with a plurality of printing blankets (33) arranged successively on the periphery thereof and a plurality of plate cylinders in association with said segment wheel (03), in which, according to a printing process to be performed, a selected quantity of plate cylinders (04) is thrown onto the segment wheel (03) or thrown off said segment wheel (03), and in a first printing process, a first partial quantity of thrown-on plate cylinders (04) respectively transfers printing ink to a plurality of the printing blankets (33) arranged on the segment wheel (03). At the end of the first printing process, at least some of the plate cylinders (04) thrown on the segment wheel (03) in the first printing process are thrown off by said rotating segment wheel (03). During constant uninterrupted rotation of the segment wheel (03) for the implementation of a second printing process, a second partial quantity of plate cylinders (04) is thrown onto said segment wheel (03) and respectively transfers printing ink to a plurality of the printing blankets (33) arranged on said segment rad (03). The respective printing forme of at least one plate cylinder (04) involved in the first printing process and uninvolved in the ongoing second printing process is changed during said ongoing printing process.

IPC 8 full level

B41F 30/04 (2006.01); **B41F 13/004** (2006.01); **B41F 13/32** (2006.01); **B41F 13/40** (2006.01); **B41F 17/22** (2006.01); **B41F 19/00** (2006.01);
B41F 27/00 (2006.01); **B41F 27/02** (2006.01); **B41F 31/30** (2006.01); **B41F 31/36** (2006.01); **B41F 33/08** (2006.01); **B41F 33/10** (2006.01);
B41M 1/16 (2006.01); **B41M 1/40** (2006.01); **B41M 5/00** (2006.01)

CPC (source: EP US)

B41F 13/0045 (2013.01 - EP US); **B41F 13/32** (2013.01 - EP US); **B41F 13/40** (2013.01 - EP); **B41F 17/22** (2013.01 - EP US);
B41F 19/007 (2013.01 - EP); **B41F 27/005** (2013.01 - EP); **B41F 27/02** (2013.01 - EP); **B41F 30/04** (2013.01 - EP); **B41F 31/308** (2013.01 - EP);
B41F 31/36 (2013.01 - EP); **B41F 33/08** (2013.01 - EP); **B41F 33/10** (2013.01 - EP); **B41M 1/16** (2013.01 - EP); **B41M 1/40** (2013.01 - EP);
B41M 5/0088 (2013.01 - EP); **B41F 13/40** (2013.01 - US); **B41F 31/36** (2013.01 - US); **B41P 2227/62** (2013.01 - 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)

DE 102017202382 A1 20180816; BR 112019011674 A2 20191015; BR 112019011674 B1 20231114; CN 110267814 A 20190920;
CN 110267814 B 20200714; EP 3582969 A1 20191225; EP 3582969 B1 20201216; JP 2020503196 A 20200130; JP 6639748 B2 20200205;
US 10773514 B2 20200915; US 2019351671 A1 20191121; WO 2018149653 A1 20180823

DOCDB simple family (application)

DE 102017202382 A 20170215; BR 112019011674 A 20180201; CN 201880005546 A 20180201; EP 18702992 A 20180201;
EP 2018052506 W 20180201; JP 2019536159 A 20180201; US 201816473668 A 20180201