

Title (en)

DEVICE AND METHOD FOR PRINTING CONTAINERS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BEDRUCKEN VON BEHÄLTERN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR DÉCORER DES CONTENANTS PAR IMPRESSION

Publication

EP 2152519 B1 20111005 (DE)

Application

EP 08784742 A 20080712

Priority

- EP 2008005711 W 20080712
- DE 102007036752 A 20070803
- DE 102007050490 A 20071019
- DE 102007050493 A 20071019

Abstract (en)

[origin: US9132664B2] A method and device for printing containers in multiple colors on at least one outer surface thereof. The device includes at least one printing group, with at least two ink jet print heads in each printing group. Each of the print heads is designed to be moved out of the printing position after completing a printing task, and then another print head is moved into the printing position to perform a printing task.

IPC 8 full level

B41J 3/407 (2006.01)

CPC (source: EP KR US)

B41J 2/0057 (2013.01 - EP KR US); **B41J 3/4073** (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP KR US); **B41J 3/543** (2013.01 - EP KR US);
B41J 11/0015 (2013.01 - EP KR US); **B41J 11/002** (2013.01 - EP US); **B41J 11/00214** (2021.01 - EP KR US);
B41J 11/0024 (2021.01 - EP KR US); **B65B 61/025** (2013.01 - EP KR US); **B65B 61/26** (2013.01 - EP KR US)

Cited by

DE102013214934A1; EP2799240A1; EP2698256A1; DE102012214349A1; DE202013105244U1; DE102016223415A1; US8667895B2;
WO2019201494A1; DE102013208065A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009018892 A1 20090212; AT E527118 T1 20111015; BR PI0810301 A2 20200204; BR PI0810301 B1 20200901;
CN 101674940 A 20100317; CN 101674940 B 20120111; EP 2152519 A1 20100217; EP 2152519 B1 20111005; EP 2152519 B2 20150506;
JP 2010535112 A 20101118; JP 5361885 B2 20131204; KR 101153104 B1 20120604; KR 20100008364 A 20100125;
MX 2010000934 A 20100503; MX 336492 B 20160121; US 2010192517 A1 20100805; US 2013019566 A1 20130124; US 9132664 B2 20150915;
WO 2009018893 A1 20090212; WO 2009018893 A9 20091223

DOCDB simple family (application)

EP 2008005710 W 20080712; AT 08784742 T 20080712; BR PI0810301 A 20080712; CN 200880015022 A 20080712;
EP 08784742 A 20080712; EP 2008005711 W 20080712; JP 2010518520 A 20080731; KR 20097020294 A 20080712;
MX 2010000934 A 20080712; US 201213555231 A 20120723; US 69863810 A 20100202