

Title (en)

METHOD AND DEVICE FOR INK-JET PRINTING ON CONTAINERS

Title (de)

VERFAHREN UND VORRICHTUNG FÜR DEN TINTENSTRAHLDRUCK AUF BEHÄLTER

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR L'IMPRESSION À JET D'ENCRE SUR DES RECIPIENTS

Publication

EP 3040205 B1 20191225 (DE)

Application

EP 15194936 A 20151117

Priority

DE 102014225256 A 20141209

Abstract (en)

[origin: US2016159087A1] A method and a device for ink-jet printing onto containers is described, in which at least one container is rotated and/or transported along a curved path, and associated surface velocities of partially circumferential portions of a lateral container surface are measured, where the printing times and/or a rotational velocity of the containers associated with the partially circumferential and/or intermediately disposed portions are adapted to the surface velocities. Changes in the print advance rate caused by different surface velocities in front of print heads can thereby be compensated This allows for uniform print resolution and seamless joining of partial prints.

IPC 8 full level

B41J 3/407 (2006.01)

CPC (source: CN EP US)

B41J 2/04526 (2013.01 - US); **B41J 2/04586** (2013.01 - US); **B41J 3/4073** (2013.01 - CN EP US); **B41J 3/40733** (2020.08 - EP US); **B41M 5/0088** (2013.01 - CN); **B41P 2217/62** (2013.01 - US)

Cited by

CN106585151A

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)

EP 3040205 A1 20160706; **EP 3040205 B1 20191225**; CN 105691021 A 20160622; CN 105691021 B 20181211; DE 102014225256 A1 20160609; US 2016159087 A1 20160609; US 9878533 B2 20180130

DOCDB simple family (application)

EP 15194936 A 20151117; CN 201510903672 A 20151209; DE 102014225256 A 20141209; US 201514963110 A 20151208