

Title (en)

VARIABLE PRINTING PROCESS USING FLEXIBLE SECONDARY PLATES AND SPECIALTY INKS

Title (de)

VARIABLES DRUCKVERFAHREN MIT VERWENDUNG VON FLEXIBLEN SEKUNDÄRPLATTEN UND SPEZIALTINTEN

Title (fr)

PROCÉDÉ D'IMPRESSION VARIABLE UTILISANT DES PLAQUES SECONDAIRES FLEXIBLES ET DES ENCRESPÉCIALES

Publication

EP 3283296 B1 20210526 (EN)

Application

EP 16780760 A 20160414

Priority

- US 201514686517 A 20150414
- US 2016027576 W 20160414

Abstract (en)

[origin: WO2016168488A1] The present invention relates to using flexible secondary plates and specialty inks in a printing process. More specifically, the present invention relates to an apparatus and methods of using flexible secondary plates made of a composition comprising a saturated chain of polymethylene or a photopolymer material to decorate an exterior surface of cylindrical metallic containers with high definition graphics and other indicia.

IPC 8 full level

B41F 17/22 (2006.01); **B41M 1/06** (2006.01); **B41M 1/28** (2006.01); **B41N 10/02** (2006.01)

CPC (source: EP RU)

B41F 7/04 (2013.01 - RU); **B41F 17/22** (2013.01 - EP); **B41M 1/06** (2013.01 - EP); **B41M 1/28** (2013.01 - EP); **B41N 10/02** (2013.01 - EP)

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 2016168488 A1 20161020; AU 2016248085 A1 20170831; AU 2016248085 B2 20181220; BR 112017017554 A2 20180508; BR 112017017554 B1 20220913; CA 2981189 A1 20161020; CA 2981189 C 20190917; CL 2017002570 A1 20180316; CN 107428154 A 20171201; CN 107428154 B 20191203; CO 2017011427 A2 20180116; EP 3283296 A1 20180221; EP 3283296 A4 20181024; EP 3283296 B1 20210526; ES 2883409 T3 20211207; JP 2018512301 A 20180517; JP 6492191 B2 20190327; MX 2017011874 A 20171204; PL 3283296 T3 20210927; RU 2683767 C1 20190401

DOCDB simple family (application)

US 2016027576 W 20160414; AU 2016248085 A 20160414; BR 112017017554 A 20160414; CA 2981189 A 20160414; CL 2017002570 A 20171011; CN 201680021443 A 20160414; CO 2017011427 A 20171107; EP 16780760 A 20160414; ES 16780760 T 20160414; JP 2017545616 A 20160414; MX 2017011874 A 20160414; PL 16780760 T 20160414; RU 2017139236 A 20160414