

Title (en)

APPARATUS FOR PRINTING BOTTLES OR SIMILAR CONTAINERS ON THE OUTER CONTAINER SURFACE

Title (de)

VORRICHTUNG ZUM BEDRUCKEN VON FLASCHEN ODER DERGLEICHEN BEHÄLTERN AN DER BEHÄLTERAUSSENFLÄCHE

Title (fr)

DISPOSITIF D'IMPRESSION DE BOUTEILLES OU DE RÉCIPIENTS SIMILAIRES SUR LA SURFACE EXTÉRIEURE DES RÉCIPIENTS

Publication

EP 2207684 B1 20111123 (DE)

Application

EP 08801735 A 20080828

Priority

- EP 2008007043 W 20080828
- DE 102007050493 A 20071019
- DE 102007050490 A 20071019

Abstract (en)

[origin: WO2009052890A1] Apparatus for printing bottles or similar containers on an outer container surface, having at least one printing station, which has the containers moving past its printing region on a container conveyor, having at least one printing head, and having a transfer element which forms at least one transfer surface and is provided on an auxiliary conveyor.

IPC 8 full level

B41J 3/407 (2006.01)

CPC (source: EP US)

B41J 3/4073 (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP US)

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 2009052890 A1 20090430; AT E534526 T1 20111215; BR PI0817347 A2 20110830; CN 101827711 A 20100908;
CN 101827711 B 20130320; EP 2207684 A1 20100721; EP 2207684 B1 20111123; JP 2011500363 A 20110106; JP 5566893 B2 20140806;
MX 2010004029 A 20100430; RU 2433049 C1 20111110; US 10166781 B2 20190101; US 2010257819 A1 20101014

DOCDB simple family (application)

EP 2008007043 W 20080828; AT 08801735 T 20080828; BR PI0817347 A 20080828; CN 200880111637 A 20080828;
EP 08801735 A 20080828; JP 2010529249 A 20080828; MX 2010004029 A 20080828; RU 2010119959 A 20080828; US 76296410 A 20100419