

Title (en)

Device for printing on bottles or similar receptacles

Title (de)

Vorrichtung zum Bedrucken von Flaschen oder dergleichen Behälter

Title (fr)

Dispositif pour imprimer sur bouteilles et récipients similaires

Publication

**EP 1806233 B1 20140416 (DE)**

Application

**EP 06024563 A 20061128**

Priority

DE 102006001223 A 20060110

Abstract (en)

[origin: EP1806233A1] The device has a print station (11) including a print head (3) that is an electrostatic print head, which is provided with a number of controllable individual nozzles (6) for controlled discharging of printing ink. The individual nozzles are arranged on top of each other in a row in proximity to a longitudinal axis of the print head. Bottles (1, 1a) are arranged with its axis or axis of the print station during imprinting process. An independent claim is also included for a method of operating a device for imprinting on a container e.g. bottle.

IPC 8 full level

**B41J 3/407** (2006.01); **B41J 2/06** (2006.01)

CPC (source: EP US)

**B41J 2/06** (2013.01 - EP US); **B41J 3/4073** (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP US); **B41J 25/316** (2013.01 - EP US); **B65B 61/26** (2013.01 - EP US); **B41J 11/002** (2013.01 - EP US); **B41J 11/00214** (2021.01 - EP US); **B41M 5/0088** (2013.01 - EP US)

Cited by

DE102009058222B4; EP3434490A1; FR3057490A1; CN102753352A; CN107107626A; EP2595810A4; CN102712392A; ITMI20131318A1; EP2832548A1; JP2016540660A; US10589889B2; US9090090B2; US9517599B2; WO2016139508A1; WO2010105726A1; WO2012028225A3; WO2010009857A1; WO2011072763A1; WO2013170888A1; WO2016079283A1; WO2012012793A2; WO2011089191A1; WO2012022746A1; WO2015051215A1; EP3224214B1; EP2098355B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1806233 A1 20070711**; **EP 1806233 B1 20140416**; BR PI0605349 A 20071016; CN 100999152 A 20070718; CN 100999152 B 20110316; DE 102006001223 A1 20070712; JP 2007185960 A 20070726; PL 1806233 T3 20140930; RU 2007100427 A 20080720; RU 2429135 C2 20110920; US 2007157559 A1 20070712; US 2009145511 A1 20090611; US 9221275 B2 20151229

DOCDB simple family (application)

**EP 06024563 A 20061128**; BR PI0605349 A 20061218; CN 200710002241 A 20070110; DE 102006001223 A 20060110; JP 2007001071 A 20070109; PL 06024563 T 20061128; RU 2007100427 A 20070109; US 37076409 A 20090213; US 62183307 A 20070110