

Title (en)

DEVICE FOR PRINTING CLOSURES OF CLOSED CONTAINERS

Title (de)

VORRICHTUNG ZUM BEDRUCKEN VON VERSCHLÜSSEN VERSCHLOSSENER BEHÄLTER

Title (fr)

DISPOSITIF D'IMPRESSION DE BOUCHONS DE RÉCIPIENTS FERMÉS

Publication

**EP 3426495 B1 20210324 (DE)**

Application

**EP 16809037 A 20161209**

Priority

- DE 102016203722 A 20160308
- EP 2016080378 W 20161209

Abstract (en)

[origin: WO2017153012A1] A device (100) for printing closures (131) of closed containers (130), comprising a transport section (101) for transporting the containers, wherein a detection unit (102) and a printing unit (103) for printing the closure of a container are arranged behind one another in the transport direction and the detection unit can individually determine the position of the closure transversely with respect to the transport direction for each container and can transmit a signal which is indicative of the position to a control unit (105) which is assigned to the detection unit and the printing unit. The control unit is designed to control the printing unit to apply printing ink to the closure in order to print the closure according to its position. Also disclosed is a corresponding method.

IPC 8 full level

**B41J 3/407** (2006.01)

CPC (source: EP US)

**B41J 3/4073** (2013.01 - EP US); **B41J 11/008** (2013.01 - EP US); **B41J 11/0095** (2013.01 - EP US); **B65C 9/46** (2013.01 - US); **B67B 3/006** (2013.01 - US)

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)

**WO 2017153012 A1 20170914**; CN 108778760 A 20181109; CN 108778760 B 20200410; DE 102016203722 A1 20170914; EP 3426495 A1 20190116; EP 3426495 B1 20210324; US 2019084714 A1 20190321

DOCDB simple family (application)

**EP 2016080378 W 20161209**; CN 201680083380 A 20161209; DE 102016203722 A 20160308; EP 16809037 A 20161209; US 201616083275 A 20161209