

Title (en)

Device for applying adhesive and method for operating such a device

Title (de)

Vorrichtung zum Auftragen von Klebstoff und Verfahren zum Betreiben einer solchen Vorrichtung

Title (fr)

Dispositif d'application d'adhésif et procédé de fonctionnement d'un tel dispositif

Publication

EP 2684702 A3 20141022 (DE)

Application

EP 13172216 A 20130617

Priority

DE 102012014974 A 20120710

Abstract (en)

[origin: EP2684702A2] The apparatus has an application nozzle (1) for applying adhesive to a book block spine (4). The application nozzle is line-connected to an adhesive supplying system. The application nozzle comprises a chamber (10) for providing adhesive and arranged adjacent to the nozzle opening, and another chamber (12) is arranged between a nozzle opening (3) and the supplying system. A slide (6) is arranged in a region of the former chamber for changing width (8) of the chamber, and another slide (11) is arranged in a region of another chamber for changing the volume (21) of the latter chamber. An independent claim is also included for a method for adapting an adhesive application nozzle.

IPC 8 full level

B05C 5/02 (2006.01); **B05C 11/10** (2006.01); **B42C 9/00** (2006.01)

CPC (source: EP US)

B05C 5/0204 (2013.01 - EP US); **B05C 5/0266** (2013.01 - EP US); **B05C 11/1002** (2013.01 - EP US); **B42C 9/0006** (2013.01 - EP US); **B05C 5/0258** (2013.01 - EP US); **B05C 11/1047** (2013.01 - EP)

Citation (search report)

- [A] US 4512945 A 19850423 - VIGANO GIOVANNI [IT]
- [A] DE 20216794 U1 20040311 - NORDSON CORP WESTLAKE [US]
- [A] WO 2012052959 A1 20120426 - K G S S R L [IT], et al

Cited by

EP3546070A1; CN107049609A; EP2886200A1; US11071997B2

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)

DE 202012008417 U1 20120927; CN 103538388 A 20140129; CN 103538388 B 20170426; DE 102012014974 A1 20140116; EP 2684702 A2 20140115; EP 2684702 A3 20141022; EP 2684702 B1 20161005; JP 2014015043 A 20140130; JP 6315912 B2 20180425; US 2014017038 A1 20140116

DOCDB simple family (application)

DE 202012008417 U 20120710; CN 201310288145 A 20130710; DE 102012014974 A 20120710; EP 13172216 A 20130617; JP 2013144450 A 20130710; US 201313938775 A 20130710