

Title (en)

DEVICE FOR APPLYING AT LEAST ONE MEDIUM TO AT LEAST ONE SUBSTRATE AND METHOD FOR REPRODUCIBLY ESTABLISHING A ROTATIONAL ANGLE POSITION OF AT LEAST ONE FIRST CYLINDER OF A DEVICE

Title (de)

VORRICHTUNG ZUM AUFTRAGEN ZUMINDEST EINES MEDIUMS AUF ZUMINDEST EIN SUBSTRAT UND EIN VERFAHREN ZUM REPRODUZIERBAREN FESTLEGEN EINER DREHWINKELLAJE ZUMINDEST EINES ERSTEN ZYLINDERS EINER VORRICHTUNG

Title (fr)

DISPOSITIF D'APPLICATION D'AU MOINS UN MILIEU SUR AU MOINS UN SUBSTRAT ET PROCÉDÉ DE DÉTERMINATION REPRODUCTIBLE D'UNE POSITION D'ANGLE DE ROTATION D'AU MOINS UN PREMIER CYLINDRE D'UN DISPOSITIF

Publication

**EP 2688747 B1 20150513 (DE)**

Application

**EP 12710252 A 20120321**

Priority

- DE 102011006113 A 20110325
- EP 2012054992 W 20120321

Abstract (en)

[origin: WO2012130688A1] The invention relates to a device for applying a medium to a substrate, wherein the device comprises at least one rotatable cylinder and a frame, wherein the at least one cylinder is arranged rotatably about a rotational axis relative to the frame, and wherein the device comprises a rotational angle control apparatus, which is arranged and/or can be arranged at least in some sections in a reference rotational angle position relative to the at least one cylinder and at the same time in a reference position relative to the frame, and wherein the rotational angle control apparatus is arranged in a cooperating manner and/or such as to be capable of cooperating with at least one reference mark and is designed such as to allow a non-contact examination of a rotational angle position of the at least one first cylinder, and wherein the rotational angle control apparatus comprises at least one transmitter which, with regard to at least one transmission direction, is arranged directed at an outer surface of a barrel of the at least one cylinder extending parallel to the rotational axis. The invention further relates to a method for reproducibly establishing the rotational angle position of the at least one cylinder.

IPC 8 full level

**B41F 33/02** (2006.01)

CPC (source: EP)

**B41F 33/02** (2013.01); **B41P 2213/90** (2013.01)

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)

**DE 102011006113 A1 20120927**; CN 103442893 A 20131211; CN 103442893 B 20160120; EP 2688747 A1 20140129;  
EP 2688747 B1 20150513; ES 2543618 T3 20150820; JP 2014516317 A 20140710; JP 5512058 B1 20140604; WO 2012130688 A1 20121004

DOCDB simple family (application)

**DE 102011006113 A 20110325**; CN 201280014873 A 20120321; EP 12710252 A 20120321; EP 2012054992 W 20120321;  
ES 12710252 T 20120321; JP 2014501537 A 20120321