

Title (en)

RESERVOIR FOR A PRINTING DEVICE AND METHOD FOR EMPTYING A REPLACEABLE RESERVOIR OF A PRINTING DEVICE

Title (de)

VORRATSBEHÄLTER EINER DRUCKEINRICHTUNG UND EIN VERFAHREN ZUM ENTLEEREN EINES AUSTAUSCHBAREN VORRATSBEHÄLTERS EINER DRUCKEINRICHTUNG

Title (fr)

RÉSERVOIR DE DISPOSITIF D'IMPRESSION ET PROCÉDÉ POUR VIDER UN RÉSERVOIR REMPLAÇABLE DE DISPOSITIF D'IMPRESSION

Publication

EP 2814675 A2 20141224 (DE)

Application

EP 13766509 A 20130920

Priority

- DE 102012216882 A 20120920
- EP 2013069596 W 20130920

Abstract (en)

[origin: WO2014044807A2] The invention relates to a reservoir for a printing device, comprising a data module which has a transmitter and/or receiver unit for contactless communication with a printing device, the reservoir being transferable from a first to a second operating state by applying negative pressure to an interior of the reservoir, and the outer body of the reservoir having a shape in the second operating state that is different from the first operating state and/or the outer body of the reservoir consisting at least to some extent of a mixture of an HDPE (High Density Polyethylene) and an LDPE (Low Density Polyethylene). The invention also relates to a method for emptying the reservoir, which is initially in the first operating state. According to the invention, a normal direction of the data module has a first orientation and the reservoir is transferred to the second operating state by applying negative pressure to the interior of the reservoir, in which second operating state the normal direction of the data module has a second orientation that differs from the normal direction in the first operating state by not more than 60°.

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP)

B41J 2/17546 (2013.01); **B41J 2/17553** (2013.01)

Citation (search report)

See references of WO 2014044807A2

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 102012216882 A1 20140320; DE 102012216882 B4 20200528; CN 105431295 A 20160323; CN 105431295 B 20170510; EP 2814675 A2 20141224; EP 2814675 B1 20160406; ES 2577129 T3 20160713; PL 2814675 T3 20160930; WO 2014044807 A2 20140327; WO 2014044807 A3 20140508

DOCDB simple family (application)

DE 102012216882 A 20120920; CN 201380022495 A 20130920; EP 13766509 A 20130920; EP 2013069596 W 20130920; ES 13766509 T 20130920; PL 13766509 T 20130920