

Title (en)

CARTRIDGE AND METHOD FOR PRODUCING A CARTRIDGE

Title (de)

KARTUSCHE UND VERFAHREN ZUM HERSTELLEN EINER KARTUSCHE

Title (fr)

CARTOUCHE ET PROCÉDÉ DE FABRICATION D'UNE CARTOUCHE

Publication

EP 3102503 B1 20170719 (DE)

Application

EP 15712136 A 20150325

Priority

- EP 14162975 A 20140331
- EP 2015056459 W 20150325

Abstract (en)

[origin: CA2942622A1] The invention relates to a cartridge with a receiving chamber which extends in the longitudinal direction for a medium to be dispensed, comprising a head part and a cartridge wall which delimit the receiving chamber. The head part has an outlet for the medium. The cartridge wall is designed as a film at least in some regions, and the head part is designed as a dimensionally stable part. The head part is sealingly connected to the cartridge wall in particular in a non-releasable manner, and the cartridge is designed as a collapsible cartridge, i.e. the cartridge can be converted from an expanded state in which the receiving chamber has a maximum volume into a collapsed state in which the receiving chamber has a minimum volume. The cartridge which has not yet been filled with the medium is in the collapsed state. The invention further relates to a method for producing such a cartridge.

IPC 8 full level

B65D 83/00 (2006.01); **B05C 17/005** (2006.01)

CPC (source: CN EP KR US)

B05C 17/00553 (2013.01 - US); **B05C 17/00583** (2013.01 - EP KR US); **B05C 17/01** (2013.01 - CN EP KR US); **B05C 17/012** (2013.01 - US);
B65D 83/0055 (2013.01 - CN EP KR US); **B05C 17/00583** (2013.01 - CN)

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)

EP 2927156 A1 20151007; BR 112016022823 A2 20170815; BR 112016022823 B1 20210829; BR 112016022823 B8 20210928;
BR 112016022823 B8 20230321; CA 2942622 A1 20151008; CA 2942622 C 20180116; CN 106458424 A 20170222; CN 106458424 B 20191119;
EP 3102503 A1 20161214; EP 3102503 B1 20170719; ES 2644046 T3 20171127; JP 2017512727 A 20170525; JP 6178021 B2 20170809;
KR 101767429 B1 20170811; KR 20160134852 A 20161123; NO 3102503 T3 20171216; PL 3102503 T3 20171229; TW 201600413 A 20160101;
TW I722982 B 20210401; US 2017216874 A1 20170803; US 9975139 B2 20180522; WO 2015150196 A1 20151008

DOCDB simple family (application)

EP 14162975 A 20140331; BR 112016022823 A 20150325; CA 2942622 A 20150325; CN 201580017652 A 20150325;
EP 15712136 A 20150325; EP 2015056459 W 20150325; ES 15712136 T 20150325; JP 2016559954 A 20150325; KR 20167030493 A 20150325;
NO 15712136 A 20150325; PL 15712136 T 20150325; TW 104110277 A 20150330; US 201515300061 A 20150325