

Title (en)

LIQUID CARTRIDGE, AND A METHOD FOR FILLING A CARTRIDGE OF THIS TYPE WITH A LIQUID

Title (de)

FLÜSSIGKEITSKARTUSCHE UND AUF EIN VERFAHREN ZUM FÜLLEN EINER DERARTIGEN KARTUSCHE MIT EINER FLÜSSIGKEIT

Title (fr)

CARTOUCHE DE LIQUIDE ET PROCÉDÉ DE REMPLISSAGE D'UNE TELLE CARTOUCHE AVEC UN LIQUIDE

Publication

EP 3442800 A1 20190220 (DE)

Application

EP 17716212 A 20170407

Priority

- DE 102016106711 A 20160412
- EP 2017058338 W 20170407

Abstract (en)

[origin: WO2017178351A1] The liquid cartridge for an industrial inkjet printer for printing goods has a film bag (20), a connector stub (22) which is connected to it, and a lower cap (52). The connector stub (22) has an opening (32), and the opening (32) is closed by way of the lower cap (52) which has a lower rubber layer (58), a plastic layer (34) which is formed by the connector stub (22), and a lower holder (54). The lower holder (54) has a lower window (56) which is situated above the opening (32). The lower holder (54) is fastened to an outer side (42) of the connector stub (22). The lower rubber layer (58) and, underneath it, the plastic layer (34) are situated below the lower window (56), and they are in contact with one another and with the lower holder (54).

IPC 8 full level

B41J 2/175 (2006.01); **B43L 25/00** (2006.01); **B65D 51/20** (2006.01)

CPC (source: EP US)

B41J 2/17506 (2013.01 - EP US); **B41J 2/17553** (2013.01 - EP US); **B43L 25/002** (2013.01 - EP US); **B43L 25/007** (2013.01 - EP US); **B65D 51/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2017178351A1

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)

WO 2017178351 A1 20171019; CA 3017420 A1 20171019; CA 3017420 C 20230124; CN 108883639 A 20181123; CN 108883639 B 20200731; EP 3442800 A1 20190220; EP 3442800 B1 20200527; ES 2813593 T3 20210324; MX 2018012313 A 20181217; PL 3442800 T3 20210125; US 10507664 B2 20191217; US 2019176475 A1 20190613

DOCDB simple family (application)

EP 2017058338 W 20170407; CA 3017420 A 20170407; CN 201780023018 A 20170407; EP 17716212 A 20170407; ES 17716212 T 20170407; MX 2018012313 A 20170407; PL 17716212 T 20170407; US 201716093254 A 20170407