

Title (en)

LIQUID DISPENSER HAVING COMPRESSIBLE LIQUID STORE

Title (de)

FLÜSSIGKEITSSPENDER MIT ZUSAMMENDRÜCKBAREM FLÜSSIGKEITSSPEICHER

Title (fr)

DISTRIBUTEUR DE LIQUIDE COMPRENANT UN RÉSERVOIR DE LIQUIDE POUVANT ÊTRE COMPRESSÉ

Publication

**EP 3787983 A1 20210310 (DE)**

Application

**EP 19711339 A 20190314**

Priority

- EP 2019056444 W 20190314
- EP 18170634 A 20180503

Abstract (en)

[origin: WO2019211032A1] Cream dispensers (10) for topically dispensing liquid onto the skin of a user, comprising a liquid store (12), usually in the form of a tube, and comprising a discharge head that has a discharge opening, are known. Cream dispensers (10) of this type have a hinged lid in order to protect the discharge opening. The invention comprises two aspects in order to improve known discharge heads, namely: - a multi-part design of the discharge head in order to limit, in a haptically satisfactory way, the movability of a release button of the discharge head; and - a special relative arrangement of the locking edges on the discharge head and on the hinged lid opposite a joint of the hinged lid in order to prevent the sharp-edged locking edges from coming into contact with the skin while cream is being discharged onto the skin.

IPC 8 full level

**B65D 35/46** (2006.01); **B65D 47/08** (2006.01); **B65D 47/20** (2006.01)

CPC (source: EP KR US)

**B65D 35/46** (2013.01 - EP KR US); **B65D 47/0828** (2013.01 - EP KR US); **B65D 47/2081** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2019211032A1

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)

**EP 3564147 A1 20191106**; **EP 3564147 B1 20201216**; CN 112041237 A 20201204; EP 3787983 A1 20210310; EP 3787983 B1 20230906; KR 102563087 B1 20230802; KR 20210008012 A 20210120; US 11661244 B2 20230530; US 2021237940 A1 20210805; WO 2019211032 A1 20191107

DOCDB simple family (application)

**EP 18170634 A 20180503**; CN 201980030094 A 20190314; EP 19711339 A 20190314; EP 2019056444 W 20190314; KR 20207034721 A 20190314; US 201917052340 A 20190314