

Title (en)
DISPENSING DEVICE

Title (de)
SPENDERVORRICHTUNG

Title (fr)
DISPOSITIF DE DISTRIBUTION

Publication
EP 3766801 A1 20210120 (EN)

Application
EP 20184696 A 20200708

Priority
IT 201900012276 A 20190718

Abstract (en)
A dispensing device (10), comprising a container (11) housing a fluid to be dispensed under pressure, the container comprising a dispensing valve (12) featuring a hollow stem (13) through which the fluid is dispensed, the container (11) being coupled with a dispensing cap (1), the dispensing cap comprising a base element (3) which is rotatably connected to a movable element (4), the movable element (4) being hinged to a push-button (2) having a dispensing channel, the dispensing channel having a first end (2A) fitted onto the stem and a second end (2B) comprising a dispensing nozzle (6), there being, between the base element (3) and the movable element (4), at least a first abutment (40, 40A) and a second abutment (41, 41A) envisaged to limit the rotation of the movable element (4), with respect to the base element (3), to between at least one closing position - in which the push-button (2) comes into contact with a stop (30) which prevents the travel thereof - and a dispensing position - in which the push-button (2) is free to travel - the dispensing cap (1) featuring a first inclined surface (50) produced in a visible fashion on the outer surface of the movable element (4), the first inclined surface (50) coming into contact - when in a closed position at least - with a second inclined surface (51) produced in a visible fashion on the base element (3), so as to prevent the movable element (4) and the base element (3) moving any closer together, even in the event of axial loads applied, either directly or indirectly, to the movable element (4).

IPC 8 full level
B65D 83/20 (2006.01); **B65D 83/22** (2006.01)

CPC (source: EP)
B65D 83/206 (2013.01); **B65D 83/22** (2013.01)

Citation (search report)

- [A] US 2014183228 A1 20140703 - DECEA CEDRIK [FR], et al
- [A] WO 0153157 A2 20010726 - SEAQUIST PERFECT DISPENSING [DE], et al
- [A] WO 2011150021 A1 20111201 - GILLETTE CO [US], et al
- [A] FR 1555157 A 19690124

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

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