

Title (en)

Cap with actuation protection for a pressurized container

Title (de)

Kappe mit einem Betätigungsschutz für einen Sprühbehälter

Title (fr)

Capuchon avec moyen anti-actionnement pour conteneur sous pression

Publication

EP 1862400 A1 20071205 (EN)

Application

EP 06011452 A 20060602

Priority

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Abstract (en)

A cap (1) for a pressurized container (2) with an actuation button (3) arranged at the top, which is provided for discharging a metered spray or foam quantity of a product from a nozzle (4) or opening (4A) via a channel (5), wherein the channel (5) communicates with a short-stroke valve (6) of a valve disk (7) for the pressurized container (2) and the actuation button (3). The actuation button (3) communicates with an actuation protection device (8.1-8.4) for first-time activation. The cap (1) with the actuation button (3) has the shape of a protective cap (32) externally and exhibits an essentially closed surface. As an actuation protection device (8.1-8.4), the channel (5) is connected to a first reinforcement rib (22) in the lower, lateral area (9) in the proximity of the valve (6); said reinforcement rib (22) is connected to a lever (26) on the bottom end (24), wherein the lever (26) is connected to a start (25) of a first rib (10) via a predetermined breaking zone (15). An end (27) of the first rib (10) is connected to a base part (14), which is supported on the valve disk (7), wherein, by overcoming a counterforce during first-time activation of the actuation button (3), the predetermined breaking zone (15) causes a predetermined break (16) due to manual force at the lever and thus enables activation of the valve (6) (Fig. 1).

IPC 8 full level

B65D 83/16 (2006.01)

CPC (source: EP US)

B65D 83/206 (2013.01 - EP US); **B65D 83/226** (2013.01 - EP US)

Citation (search report)

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- [A] EP 1661822 A1 20060531 - OREAL [FR]
- [AD] GB 2108205 A 19830511 - SOMOVA SPA
- [A] GB 1324408 A 19730725 - GREEN E H

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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