

Title (en)

Bellows pump for a soap dispenser having collapsible pleats

Title (de)

Faltenbalgpumpe für Seifenspender mit einschnappbaren Falten

Title (fr)

Pompe à soufflet pour un distributeur de savon avec plis encliquetables

Publication

**EP 2384677 B1 20120711 (DE)**

Application

**EP 11003524 A 20110429**

Priority

DE 102010019237 A 20100503

Abstract (en)

[origin: EP2384677A1] The pump (45) has bellows locked into a mounting position and a working position by a defined application of force. The bellows are made of plastic or rubber material. The bellows are formed spirally or in stages. A safety device (10) has two side flanges (11) arranged at a distance from each other, where each side flanges comprises a safety nose (12). A semicircular recess (49a) receives a nut (31) on threaded extension (35) of a reservoir (30). A cover (42) is formed as a blanket that is integrally formed with a cylindrical housing.

IPC 8 full level

**A47K 5/12** (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP)

**A47K 5/1208** (2013.01); **B05B 11/1035** (2023.01)

Cited by

DE102018120827A1; EP3616797A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2384677 A1 20111109; EP 2384677 B1 20120711**; DE 102010019237 A1 20111103; ES 2388250 T3 20121011; RU 2011117106 A 20121210; RU 2488548 C2 20130727

DOCDB simple family (application)

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