

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 A1 20111109 (DE)

Application

EP 11003524 A 20110429

Priority

DE 102010019237 A 20100503

Abstract (en)

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.

Abstract (de)

Gegenstand der Erfindung ist ein Faltenbalgpumpe (45,46,49) für ein flüssiges Pflegemittel, z.B. Flüssigseife, alkoholische Desinfektionsmittel, Hautschutzpasten und Cremes zur Aufnahme durch eine Spendeeinrichtung (1) wobei die Falten des Faltenbalgs (45) in eine zusammengedrückte Montageposition einschnappbar und nur durch eine definierte Krafteinwirkung in eine Arbeitsposition umschnappbar gestaltet sind.

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)

Citation (search report)

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- [A] WO 9407113 A1 19940331 - UNILEVER PLC [GB], et al
- [A] US 5462208 A 19951031 - STAHLEY ROBERT E [US], et al
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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)

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DOCDB simple family (application)

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