

Title (en)

Sleeve for sealingly attaching a dispensing member onto the neck of a bottle containing a fluid product to be dispensed

Title (de)

Wasserdichter Befestigungsring zur Befestigung einer Abgabevorrichtung im Kragen einer ein Abgabefluid enthaltenden Flasche

Title (fr)

Manchon de fixation étanche d'un organe de distribution dans le col d'un flacon de conditionnement d'un produit fluide à distribuer

Publication

EP 2689858 B1 20170329 (FR)

Application

EP 13177384 A 20130722

Priority

FR 1257306 A 20120727

Abstract (en)

[origin: EP2689858A1] The sleeve (10) has an external skirt (11) intended to be locked onto an outer wall of the neck (3) of a bottle, where a pump (4) is intended to be fastened in a sealed manner. An internal reinforcement (15) includes two exterior lower and upper surfaces (22, 23), where each surface includes an interference diameter allowing for the sealed clamping of the surface onto an inner wall of the neck, and the diameter of the surfaces is different such that the sleeve allows for the sealed fastening of the pump indifferently onto two types of necks. An independent claim is also included for a bottle for dispensing a liquid product.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 11/1045 (2023.01 - US); **B05B 11/1047** (2023.01 - EP US)

Citation (examination)

- US 2010170917 A1 20100708 - KI JOONG-HYUN [KR]
- US 2009302066 A1 20091210 - HARVEY JOSHUA N [US]

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

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 13177384 A 20130722; BR 102013019172 A 20130726; CN 201310317053 A 20130726; ES 13177384 T 20130722; FR 1257306 A 20120727; US 201313953217 A 20130729