

Title (en)
FLUID PRODUCT DISPENSING DEVICE

Title (de)
SPENDER FÜR EIN FLÜSSIGES PRODUKT

Title (fr)
DISPOSITIF DE DISTRIBUTION DE PRODUIT FLUIDE

Publication
EP 2763913 A1 20140813 (FR)

Application
EP 12787757 A 20121002

Priority
• FR 1158971 A 20111005
• FR 2012052225 W 20121002

Abstract (en)
[origin: WO2013050693A1] A fluid product dispensing device, comprising a dispensing member (20), such as a pump or a valve, mounted on the neck (31) of a container (30) containing a product to be dispensed, with interposition of a neck seal (1) to ensure sealing at said neck (31) of the container (30), said dispensing member (20) being mounted on said neck (31) by means of an attachment element (10), comprising an attachment portion (12) for attaching to said neck (31) of the container (30) and a compression portion (13) for compressing said neck seal (1) against said neck (31) of the container (30), said compression portion (13) comprising at least one protruding profile (17) capable of exerting stresses in said neck seal (1) after assembly, in which, after assembly, said neck (31) of the container (30) generates first stresses in said neck seal (1) and said at least one protruding profile (17) of the attachment element (10) generates second stresses in said neck seal (1), said first stresses being approximately axially opposite said second constraints, said neck (31) of the container comprising an upper edge with a curved shape, said neck (31) defining, at its end, a ridge (32) in contact with said neck seal (1), said at least one protruding profile (17) being disposed radially outside or inside said ridge (32) when the attachment element (10) is assembled on the neck (31) of the container (30), said first and second stresses being approximately axially opposite one another but radially offset, such that said first and second stresses balance at least partially.

IPC 8 full level
B05B 11/00 (2006.01); **B65D 83/38** (2006.01); **B65D 83/54** (2006.01)

CPC (source: EP US)
B05B 11/0005 (2013.01 - US); **B05B 11/1047** (2023.01 - EP US); **B65D 83/38** (2013.01 - EP US); **B65D 83/54** (2013.01 - EP US)

Citation (search report)
See references of WO 2013050693A1

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)
WO 2013050693 A1 20130411; CN 104010948 A 20140827; CN 104010948 B 20151125; EP 2763913 A1 20140813; EP 2763913 B1 20151230; FR 2981054 A1 20130412; FR 2981054 B1 20150116; US 10518278 B2 20191231; US 2014231466 A1 20140821

DOCDB simple family (application)
FR 2012052225 W 20121002; CN 201280056055 A 20121002; EP 12787757 A 20121002; FR 1158971 A 20111005; US 201214349598 A 20121002