

Title (en)
SYSTEM FOR DISPENSING A FLUID PRODUCT

Title (de)
VERTEILUNGSSYSTEM FÜR EIN FLÜSSIGES PRODUKT

Title (fr)
SYSTÈME DE DISTRIBUTION D'UN PRODUIT FLUIDE

Publication
EP 3037173 B1 20180425 (FR)

Application
EP 15197393 A 20151201

Priority
FR 1463290 A 20141223

Abstract (en)
[origin: US2016175864A1] A bottle comprises a container surmounted by a neck and an outer structural wall, having a membrane arranged on the inner surface to form a flexible pocket for containing product. A dispensing member intended to be mounted in the neck to be in communication with the container to be supplied with product. The member provided with a lower sealing crown arranged to be able to slide into the neck during mounting of said member, making it possible for excess air and product to be evacuated into an upper dead volume. The neck comprising a base having a narrow portion of which the inner dimension is such that, after the dispensing member is mounted, the lower crown comes into sealing interference on the portion of the membrane arranged in the region of said narrow portion so as to create a seal between the inside of said container and the dead volume.

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: CN EP US)
B05B 11/0013 (2013.01 - EP US); **B05B 11/0044** (2018.07 - EP US); **B05B 11/0097** (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US); **B05B 11/1028** (2023.01 - CN); **B05B 11/1043** (2023.01 - CN); **B05B 11/1047** (2023.01 - EP US)

Citation (opposition)
Opponent : APTAR France SAS
• JP H07223663 A 19950822 - YOSHINO KOGYOSHO CO LTD
• WO 2004105960 A2 20041209 - AIRLESSYSTEMS [FR], et al
• EP 0532873 B1 19940309 - GAPLAST GMBH [DE]
• EP 0571280 A1 19931124 - SOFAB [FR]

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)
EP 3037173 A1 20160629; **EP 3037173 B1 20180425**; CN 105709960 A 20160629; CN 105709960 B 20190830; FR 3030312 A1 20160624; FR 3030312 B1 20190927; US 10265715 B2 20190423; US 2016175864 A1 20160623

DOCDB simple family (application)
EP 15197393 A 20151201; CN 201510982240 A 20151223; FR 1463290 A 20141223; US 201514967494 A 20151214