

Title (en)

Dosing pump and method for manufacturing such a filled dosing pump

Title (de)

Dosierpumpenanordnung und Verfahren zur Herstellung einer befüllten Dosierpumpenanordnung

Title (fr)

Pompe de dosage et procédé de fabrication d'une telle pompe remplie

Publication

EP 1714706 A3 20091209 (DE)

Application

EP 06007343 A 20060407

Priority

- DE 102005022044 A 20050421
- DE 102005043839 A 20050913

Abstract (en)

[origin: EP1714706A2] Dosing pump arrangement comprises a container (2) sealed using a lid (10) having a concave recess (15) facing the container and a pump (3) with a suction opening (13) for suctioning gas in the container through the pump. The opening protrudes into the container via the lid. Preferred Features: The container is formed as a bag made from a collapsible film. A rigid sleeve (11) is assigned to the container to encase the container and join with the lid and/or pump. The sleeve has a ventilation opening (12).

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 11/0072 (2013.01 - EP US); **B05B 11/0097** (2013.01 - EP US); **B05B 11/026** (2023.01 - EP US)

Citation (search report)

- [X] EP 0546898 A1 19930616 - CONCEPTAIR ANSTALT [LI]
- [X] DE 3432253 A1 19860313 - SCHLERF CORONET WERKE [DE]
- [XA] EP 0446513 A1 19910918 - TOP KK [JP]
- [X] US 4457455 A 19840703 - MESHBERG PHILIP [US]
- [X] EP 0571280 A1 19931124 - SOFAB [FR]
- [XA] EP 1022062 A1 20000726 - OREAL [FR]

Cited by

EP3025612A4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1714706 A2 20061025; **EP 1714706 A3 20091209**; HK 1098100 A1 20070713; US 2006255072 A1 20061116

DOCDB simple family (application)

EP 06007343 A 20060407; HK 07104593 A 20070430; US 40821806 A 20060420