

Title (en)

METHOD FOR FILLING A DISPENSER AND CORRESPONDING DISPENSER

Title (de)

VERFAHREN ZUM BEFÜLLEN EINES SPENDERS UND SPENDER

Title (fr)

PROCEDE POUR REMPLIR UN DISTRIBUTEUR ET DISTRIBUTEUR CORRESPONDANT

Publication

EP 1015341 B1 20040121 (DE)

Application

EP 98952620 A 19980922

Priority

- DE 19741957 A 19970923
- EP 9806025 W 19980922

Abstract (en)

[origin: DE19741957A1] During the manufacturing packing process, an especially pharmaceutical fluid or paste is accurately dosed into a container (12) which is then closed. After the container has been filled, a closure is placed on the container and pushed down by a predefined distance to its end position, displacing any air, and raising the level of fluid or past in the discharge outlet to the full mark.

IPC 1-7

B65D 47/34; **B05B 11/00**

IPC 8 full level

B05B 11/00 (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP US)

B05B 11/0097 (2013.01 - EP US); **B05B 11/028** (2023.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B05B 11/1061** (2023.01 - EP US)

Cited by

US9199258B2; WO2016062716A2; US9433960B2; US8939323B2; US9010584B2; US9346068B2; US8528795B2; US9211559B2; EP2353727A1; US8556130B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 19741957 A1 19990325; DE 59810639 D1 20040226; EP 1015341 A1 20000705; EP 1015341 B1 20040121; US 6240979 B1 20010605; WO 9915424 A1 19990401

DOCDB simple family (application)

DE 19741957 A 19970923; DE 59810639 T 19980922; EP 9806025 W 19980922; EP 98952620 A 19980922; US 52829300 A 20000317