

Title (en)

A force and suction pump actuator for spraying of a product from a container

Title (de)

Betätigungskopf einer Saug-Druck-Pumpe zum Ausspritzen eines Produkts aus einem Behältnis

Title (fr)

Poussoir d'une pompe aspirante et foulante pour la pulvérisation d'une produit contenu dans un récipient

Publication

EP 1327478 B1 20070829 (DE)

Application

EP 03000259 A 20030108

Priority

DE 10200593 A 20020110

Abstract (en)

[origin: EP1327478A1] The operating head (12) of a suck-and-press pump for spraying a product (38) held in a container (2), comprises an outlet channel whose sections (13b, 13c, 13d) accommodate a slidable spring-loaded closure element (18) which, when closed, directly seals the outlet opening (16) of the pump.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 11/0067 (2013.01 - EP); **B05B 11/0072** (2013.01 - EP US); **B05B 11/1001** (2023.01 - EP US); **B05B 11/1016** (2023.01 - EP US)

Cited by

WO2009109370A1; JP2011513053A; WO2008028619A1; US9238085B2

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DOCDB simple family (publication)

EP 1327478 A1 20030716; EP 1327478 B1 20070829; AT E371502 T1 20070915; DE 10200593 A1 20030731; DE 50308038 D1 20071011; DK 1327478 T3 20080204; ES 2289187 T3 20080201; US 2003164385 A1 20030904; US 6824021 B2 20041130

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