

Title (en)

Filling head for filling a container with a product

Title (de)

Füllorgan zum Befüllen eines Behälters mit einem Füllprodukt

Title (fr)

Organe de remplissage d'un récipient avec un produit

Publication

EP 2738135 A3 20141203 (DE)

Application

EP 13194761 A 20131128

Priority

DE 102012111552 A 20121128

Abstract (en)

[origin: EP2738135A2] The device has a fill product outlet (200), and an operating element (7) in contact with the fill product outlet for influencing discharge of a fill product from the fill product outlet. An ejection device (5) is provided at an end of the fill product outlet, and ejects a fill product residue along discharge direction (A) of the fill product. The operating element comprises a valve cone (72) of a filling valve and a plunger shaft of a dosing unit or a piston filler. The ejection device comprises a gas-permeable membrane for applying gas stream in the discharge direction. An independent claim is also included for a method for filling a container.

IPC 8 full level

B67C 3/26 (2006.01)

CPC (source: EP US)

B65B 3/14 (2013.01 - US); **B67C 3/2608** (2013.01 - EP US)

Citation (search report)

- [X] GB 2234499 A 19910206 - FLEXIFILLING MACHINES LIMITED [GB]
- [X] DE 3918008 C1 19900927
- [X] WO 2011154220 A1 20111215 - WEIGHTPACK S P A [IT], et al
- [X] DE 2819245 A1 19791115 - HICK & CO GMBH

Cited by

CN108792099A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2738135 A2 20140604; EP 2738135 A3 20141203; EP 2738135 B1 20160330; CN 103848382 A 20140611; CN 103848382 B 20160518; DE 102012111552 A1 20140528; US 2014144543 A1 20140529

DOCDB simple family (application)

EP 13194761 A 20131128; CN 201310625988 A 20131128; DE 102012111552 A 20121128; US 201314091251 A 20131126