

Title (en)
FILLING NOZZLE FOR FILLING MACHINES, IN PARTICULAR FILLING PONDERAL MACHINES, OF CONTAINERS SUCH AS DRUMS, BOTTLES, CANS AND/OR SIMILAR

Title (de)
FÜLLSTUTZEN FÜR FÜLLMASCHINEN, INSBESONDERE PONDERAL-FÜLLMASCHINEN, VON BEHÄLTERN WIE FÄSSERN, FLASCHEN, DOSEN UND/ODER ÄHNLICHEM

Title (fr)
BUSE DE REMPLISSAGE POUR MACHINES DE REMPLISSAGE, EN PARTICULIER POUR MACHINES DE REMPLISSAGE PONDÉRALES, DE RÉCIPIENTS TELS QUE DES FÛTS, DES BOUTEILLES, DES BOÎTES DE CONSERVE ET/OU SIMILAIRES

Publication
EP 3572372 A1 20191127 (EN)

Application
EP 19175331 A 20190520

Priority
IT 201800005562 A 20180521

Abstract (en)
The present invention concerns a filling nozzle (1) for filling machines, in particular weight-grading machines, for containers such as drums, bottles, cans and/or the like, comprising: a hollow body (2) defining an inner channel (3) for the transit of a fluid (4), the hollow body (2) being provided with at least one supply duct (6) of the fluid (4) and a dispensing opening (7) of the fluid (4) coming from the supply duct (6); a valve member (8) operatively associated with the dispensing opening (7) of the hollow body (2), being switchable between a first condition, wherein it sealingly obstructs the dispensing opening (7) of the hollow body (2) to prevent the fluid (4) outflow through the latter and a second condition, wherein it disengages the dispensing opening (7) of the hollow body (2) to allow the fluid (4) outflow from the latter. The nozzle (1) further comprises a piston (9) operatively engaged in the inner channel (3) defined by the hollow body (2). The piston (9) is controllable as for movement and/or switching for isolating the dispensing opening (7) of the hollow body (2) with respect to the supply duct (6) of the fluid (4) and for determining the controlled outflow, from the dispensing opening (7) of the hollow body (2), of the fluid (4) present between the latter and the piston (9).

IPC 8 full level
B67C 3/28 (2006.01); **B65B 39/00** (2006.01); **B67C 3/20** (2006.01)

CPC (source: EP)
B65B 39/004 (2013.01); **B65B 57/145** (2013.01); **B67C 3/206** (2013.01); **B67C 3/286** (2013.01)

Citation (search report)
• [X] WO 2016151227 A1 20160929 - HEMA [FR]
• [X] GB 2017815 A 19791010 - MILCH UNION OBERBAYERN GMBH

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CN109484688A; EP4043351A3; WO2022171530A3

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 3572372 A1 20191127; EP 3572372 B1 20231004; ES 2963919 T3 20240403; IT 201800005562 A1 20191121

DOCDB simple family (application)
EP 19175331 A 20190520; ES 19175331 T 20190520; IT 201800005562 A 20180521