

Title (en)

Manifold for a rotatable tank of a filling unit for filling a plurality of articles with a pourable product

Title (de)

Verteiler für einen drehbaren Tank für eine Füllereinheit zum Befüllen von mehreren Artikeln mit einem fließfähigen Produkt

Title (fr)

Collecteur destiné à un réservoir rotatif d'une unité de remplissage pour remplir une pluralité d'articles avec un produit pouvant être versé

Publication

**EP 3040306 A1 20160706 (EN)**

Application

**EP 14200457 A 20141229**

Priority

EP 14200457 A 20141229

Abstract (en)

There is disclosed a manifold (10) for a rotatable tank (2) of a filling unit (1) for filling a plurality of articles (8) with a pourable product, comprising: a stator (11), which is stationary about an axis (A) and is connectable to a stationary first source (3) of pourable product; a rotor (12), which is rotatable to about axis (A) and is connectable to rotatable tank (2); and a plurality of annular rings (100a, 100b, 100c, 100d, 100e, 100f), which are radially interposed between stator (11) and rotor (12) and are fillable, in use, with a first aeriform so as to create respective pneumatic seals; manifold (10) comprises: a single inlet (101), which is fluidly connectable to a second source (102) of first aeriform; a single outlet (104), which is fluidly connectable to a discharging section (105) adapted to collect discharged first aeriform; and a pneumatic circuit (103), which extends between single inlet (101) and single outlet (104) and feeds in series a selectable group formed by one or more of annular rings (100a, 100b, 100c, 100d, 100e, 100f). (Figure 2)

IPC 8 full level

**B67C 3/22** (2006.01)

CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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**EP 14200457 A 20141229**; CN 201510724485 A 20151029; JP 2015197353 A 20151005