

Title (en)

FILLING VALVE, FILLING APPARATUS HAVING SUCH A FILLING VALVE AND METHOD OF OPERATING SUCH A FILLING VALVE

Title (de)

FÜLLVENTIL, FÜLLVORRICHTUNG MIT SOLCH EINEM FÜLLVENTIL UND VERFAHREN ZUM BETRIEB SOLCH EINES FÜLLVENTILS

Title (fr)

SOUPE DE REMPLISSAGE, APPAREIL DE REMPLISSAGE AYANT UNE TELLE SOUPE DE REMPLISSAGE ET PROCÉDÉ DE FONCTIONNEMENT D'UNE TELLE SOUPE DE REMPLISSAGE

Publication

**EP 3357859 A1 20180808 (EN)**

Application

**EP 17305141 A 20170207**

Priority

EP 17305141 A 20170207

Abstract (en)

There is described a filling valve (17) for filling a receptacle (2) with a pourable product, comprising a valve body (18) having an inner flow channel (19) for the pourable product, an outlet mouth (20) arranged at one end of the flow channel (19) and through which the pourable product flows, in use, to fill a respective receptacle (2), a shutter (22) arranged within the flow channel (19) and being adapted to control the flow of the pourable product through the outlet mouth (20); and a swirl-inducing member (23) rotatably arranged inside the flow channel (19) and being adapted to induce a rotational movement of the pourable product flowing through the outlet mouth (20).

IPC 8 full level

**B67C 3/28** (2006.01)

CPC (source: EP)

**B67C 3/281** (2013.01); **B67C 2003/2671** (2013.01); **B67C 2003/268** (2013.01)

Citation (search report)

- [X] EP 2930140 A1 20151014 - KRONES AG [DE]
- [A] US 3500879 A 19700317 - MEYER GEORGE L N

Cited by

CN112624023A

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 3357859 A1 20180808**

DOCDB simple family (application)

**EP 17305141 A 20170207**