

Title (en)

DISPENSER FOR DISCHARGING LIQUID TO PASTY MASSES

Title (de)

SPENDER ZUR AUSGABE FLÜSSIGER BIS PASTÖSER MASSEN

Title (fr)

DISTRIBUTEUR PERMETTANT DE DISTRIBUER DES MATIÈRES LIQUIDES À PÂTEUSES

Publication

EP 3288673 A1 20180307 (DE)

Application

EP 16720391 A 20160426

Priority

- DE 102015106414 A 20150427
- EP 2016059280 W 20160426

Abstract (en)

[origin: WO2016174031A1] The invention relates to a dispenser (1) for discharging liquid to pasty masses (M), with a pump chamber (5), a discharge opening (26) and an actuation part for performing a pumping process, wherein the pump chamber (5) has an inlet and an outlet valve (8, 18) and, in a pumping process, a predefined amount of mass (M) is discharged at the discharge opening (26). In order to improve the design of a dispenser of the type in question in such a way that a sufficiently homogenized mass can be discharged upon actuation of the dispenser, it is proposed that the discharge channel (25) has a partition wall (27) set back from the discharge opening (26) and with a large number of through-openings (28), which through-openings (28) each have a passage direction adapted to an orientation of the discharge channel (25). In a further possible solution to the object, provision is made that the discharge channel (25) has a partition wall (27) set back from the discharge opening (26) and with a large number of through-openings (28) that widen in the discharge direction.

IPC 8 full level

B01F 5/06 (2006.01); **B05B 1/14** (2006.01); **B05B 11/00** (2006.01)

CPC (source: CN EP KR)

B01F 25/45 (2022.01 - CN EP); **B05B 1/14** (2013.01 - CN EP KR); **B05B 11/0078** (2013.01 - CN EP KR); **B05B 11/1002** (2023.01 - KR); **B05B 11/1035** (2023.01 - CN KR); **B05B 11/1069** (2023.01 - CN KR); **B05B 11/1035** (2023.01 - EP); **B05B 11/1069** (2023.01 - EP)

Citation (search report)

See references of WO 2016174031A1

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)

DE 102015106414 A1 20161027; CN 107484413 A 20171215; EP 3288673 A1 20180307; KR 20170140352 A 20171220; WO 2016174031 A1 20161103

DOCDB simple family (application)

DE 102015106414 A 20150427; CN 201680021756 A 20160426; EP 16720391 A 20160426; EP 2016059280 W 20160426; KR 20177034176 A 20160426