

Title (en)
DEVICE FOR DOSING A PRODUCT

Title (de)
VORRICHTUNG ZUM DOSIEREN EINES PRODUKTS

Title (fr)
DISPOSITIF POUR LE DOSAGE D'UN PRODUIT

Publication
EP 3746028 B1 20240306 (DE)

Application
EP 18703284 A 20180131

Priority
EP 2018052350 W 20180131

Abstract (en)
[origin: WO2019149345A1] A device for dosing a product in capsules (12) or similar, comprising at least one dosing disc (36) which has dosing openings (38), and at least two filling stations (41-45) with which groups of dosing openings (38) are associated, wherein: each filling station (41-45) comprises at least one tamping pin (51-55); the tamping pin (51-55) can plunge to a specified depth (h1-h5) into the dosing opening (38) to compress the product (17), and said tamping pin has at least one pressure medium (71) for producing a variable pressure (p1-p5) with which each tamping pin (51-55) elastically deflects into the dosing opening (38); and at least one adjusting means, in particular an adjusting drive (61-65), is provided in order to adjust the depth (h1 to h5) for each of the two tamping pins (51-55) independently of one another.

IPC 8 full level
A61J 3/07 (2006.01)

CPC (source: EP RU US)
A61J 3/074 (2013.01 - EP RU US); **A61J 2200/70** (2013.01 - US); **A61J 2200/74** (2013.01 - US)

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

DOCDB simple family (publication)
WO 2019149345 A1 20190808; CN 112105331 A 20201218; CN 112105331 B 20220920; EP 3746028 A1 20201209; EP 3746028 B1 20240306; RU 2759489 C1 20211115; US 11911344 B2 20240227; US 2021106500 A1 20210415

DOCDB simple family (application)
EP 2018052350 W 20180131; CN 201880088218 A 20180131; EP 18703284 A 20180131; RU 2020128141 A 20180131; US 201816965069 A 20180131