

Title (en)

APPARATUS FOR FILLING CONTAINERS WITH DOSED QUANTITIES OF POWDERED MATERIAL

Title (de)

VORRICHTUNG ZUM FÜLLEN VON BEHÄLTERN MIT DOSIERTEN MENGEN PULVERFÖRMIGEN MATERIALS

Title (fr)

APPAREIL PERMETTANT DE REMPLIR DES RÉCIPIENTS AVEC DES QUANTITÉS DOSÉES DE MATÉRIAU EN POUDRE

Publication

**EP 3755629 B1 20220112 (EN)**

Application

**EP 19712304 A 20190222**

Priority

- IT 201800003007 A 20180223
- IT 2019050039 W 20190222

Abstract (en)

[origin: WO2019162980A1] The apparatus for filling containers with dosed quantities of powdered material comprises a dosing wheel (2) rotatable about a substantially horizontal axis of rotation (A), said dosing wheel (2) comprising a plurality of channels (5) extending along respective radial directions from a peripheral edge (6) of said dosing wheel (2) towards the centre of said dosing wheel (2); a hopper (3) arranged above said dosing wheel (2) and suitable for containing said powdered material; a plurality of pistons (9) slidably inserted respectively inside said channels (5), each piston (9) comprising a stem (11) and a head (12) integral with one end of said stem (11), each piston (9) defining in said channel (5) a calibration chamber (10) arranged to collect a dosed quantity of said powdered material. Each calibration chamber (10) is delimited by said head (12) of said relative piston (9) and by an inner wall of said respective channel (5).

IPC 8 full level

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CPC (source: EP)

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