

Title (en)
DEVICE FOR DOSING OR COUNTING OBJECTS

Title (de)
VORRICHTUNG ZUM DOSIEREN ODER ZÄHLEN VON GEGENSTÄNDEN

Title (fr)
DISPOSITIF DE DOSAGE OU DE COMPTAGE D'OBJETS

Publication
EP 3746030 B1 20220126 (FR)

Application
EP 19708134 A 20190129

Priority
• FR 1850772 A 20180131
• FR 1851986 A 20180307
• FR 2019050181 W 20190129

Abstract (en)
[origin: WO2019150027A1] The invention relates to a device for dosing or counting objects, comprising: a plate (1) provided with a plurality of recesses (10), each suitable for receiving a single object, said recesses being arranged in at least two series of at least two rows (R1-R2; R3-R4) disposed in parallel along a longitudinal axis (X), such that the recesses in a first row (R1; R3) of one series (R1-R2; R3-R4) are offset longitudinally relative to the recesses in the second row (R2; R4) of the same series by a non-zero pitch (P); and a pull element (2) arranged to slide relative to the plate (1) along the longitudinal axis (X), said pull element comprising at least two adjacent tongues (20, 21; 2001-2003), each designed to cover or reveal a corresponding series of rows, said tongues (20, 21) being arranged to slide relative to one another over a distance equal to the pitch (P) and being coupled by a drive mechanism configured such that the sliding of the pull element (2) along the longitudinal axis over a distance greater than the pitch (P) causes the simultaneous movement of the two tongues (20, 21).

IPC 8 full level
A61J 1/03 (2006.01); **A61J 7/02** (2006.01); **G06M 1/28** (2006.01)

CPC (source: EP KR US)
A61J 1/03 (2013.01 - US); **A61J 3/02** (2013.01 - KR); **A61J 3/06** (2013.01 - KR); **A61J 3/10** (2013.01 - KR); **A61J 7/0076** (2013.01 - KR); **A61J 7/02** (2013.01 - EP KR US); **G06M 1/083** (2013.01 - US); **G06M 1/28** (2013.01 - EP KR); **G06M 1/286** (2013.01 - EP KR); **A61J 1/03** (2013.01 - EP)

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)
FR 3077199 A1 20190802; FR 3077199 B1 20200228; BR 112020015515 A2 20210126; CN 111989078 A 20201124; CN 111989078 B 20221220; EP 3746030 A1 20201209; EP 3746030 B1 20220126; ES 2911446 T3 20220519; FR 3077200 A1 20190802; JP 2021512752 A 20210520; JP 7164629 B2 20221101; KR 20200131819 A 20201124; US 11135134 B2 20211005; US 2020368112 A1 20201126; WO 2019150027 A1 20190808

DOCDB simple family (application)
FR 1851986 A 20180307; BR 112020015515 A 20190129; CN 201980023987 A 20190129; EP 19708134 A 20190129; ES 19708134 T 20190129; FR 1850772 A 20180131; FR 2019050181 W 20190129; JP 2020563824 A 20190129; KR 20207024677 A 20190129; US 201916966352 A 20190129