

Title (en)

FACILITY FOR SORTING PIECE GOODS WITH DOSING DEVICE

Title (de)

VORRICHTUNG ZUM SORTIEREN MIT STÜCKGÜTERN MIT DOSIEREINRICHTUNG

Title (fr)

DISPOSITIF PERMETTANT DE TRIER DES MARCHANDISES DE DÉTAIL COMPRENANT UN DISPOSITIF DE DOSAGE

Publication

EP 3523225 A1 20190814 (DE)

Application

EP 17777828 A 20170921

Priority

- DE 202016105590 U 20161007
- EP 2017073902 W 20170921

Abstract (en)

[origin: WO2018065227A1] The invention relates to a facility for sorting piece goods (10) and particularly plastic preforms, comprising a supply device (2) that supplies the piece goods (10), a sorting device (6) arranged in a transport device (T) for the piece goods (10), downstream from the supply device (2), said sorting device being designed to at least partially align the piece goods (10), and a dosing device (4) arranged in the transport direction (T) of the piece goods, between the supply device (2) and the sorting device (6), said dosing device conveying the piece goods (10) from the supply device (2) to the sorting device (6) and being designed to dose the piece goods (10) travelling from the supply device (2) to the sorting device (6), the dosing device (4) comprising a body (44) that can be rotated about a predefined axis of rotation, and receiving means (42) are arranged on said body (44), for receiving a predefined number of piece goods (10).

IPC 8 full level

B65G 47/14 (2006.01)

CPC (source: EP US)

B29C 49/4205 (2013.01 - EP US); **B65G 47/1471** (2013.01 - EP); **B65G 47/1492** (2013.01 - EP US); **B65G 47/846** (2013.01 - US);
B29C 49/42057 (2022.05 - EP US)

Citation (search report)

See references of WO 2018065227A1

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 202016105590 U1 20161205; CN 110088017 A 20190802; EP 3523225 A1 20190814; US 2021283823 A1 20210916;
WO 2018065227 A1 20180412

DOCDB simple family (application)

DE 202016105590 U 20161007; CN 201780061718 A 20170921; EP 17777828 A 20170921; EP 2017073902 W 20170921;
US 201716338889 A 20170921