

Title (en)

FILLING MAGAZINE FOR FILLING PACKAGE SLOTS AND FILLING STATION HAVING SUCH A FILLING MAGAZINE

Title (de)

BEFÜLLMAGAZIN ZUM BEFÜLLEN VON SCHACHTSCHRAGEN SOWIE BEFÜLLSTATION MIT EINEM SOLCHEN BEFÜLLMAGAZIN

Title (fr)

MAGASIN DE CHARGEMENT CONÇU POUR LE REMPLISSAGE DE BOÎTES À COMPARTIMENTS, ET POSTE DE CHARGEMENT DOTÉ D'UN TEL MAGASIN DE CHARGEMENT

Publication

**EP 2162022 B1 20101229 (DE)**

Application

**EP 08749371 A 20080502**

Priority

- EP 2008003652 W 20080502
- DE 102007022844 A 20070512

Abstract (en)

[origin: WO2008138525A1] The invention relates to a filling magazine (19) for filling package slots (11) with rod-shaped products, comprising a receiving region (21) for a mass flow formed by the products and a filling region (22) for receiving the package slots (11) to be filled and comprising slot walls (13) for forming a plurality of slots (12), a blocking device (24) for blocking and unblocking the products present in the receiving region (21) being disposed between the receiving region (21) and the filling region (22), and further comprising a filling aid device (25) displaceable in the vertical and horizontal directions for the controlled filling of individual slots (12) of the package slot (11), characterized in that the filling aid device (25) is formed by a base plate (26) having a plurality of openings (27) for receiving the slot walls (13) of the package slot (11), such that when a filling aid device (25) is inserted in a package slot (11) a base plate segment (28) is disposed in each slot (12) of the package slot (11) substantially over the entire cross-section of the respective slot (12). The invention further relates to a filling station (10) having such a filling magazine (19).

IPC 8 full level

**A24C 5/354** (2006.01)

CPC (source: EP)

**A24C 5/354** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102007022844 A1 20081113**; AT E493040 T1 20110115; CN 101677626 A 20100324; CN 101677626 B 20130320; DE 502008002163 D1 20110210; EP 2162022 A1 20100317; EP 2162022 B1 20101229; PL 2162022 T3 20110531; WO 2008138525 A1 20081120; WO 2008138525 A8 20090305

DOCDB simple family (application)

**DE 102007022844 A 20070512**; AT 08749371 T 20080502; CN 200880015693 A 20080502; DE 502008002163 T 20080502; EP 08749371 A 20080502; EP 2008003652 W 20080502; PL 08749371 T 20080502