

Title (en)

Dispensing unit for products, in particular for bakery products

Title (de)

Ausgabeeinheit für Waren, insbesondere Backwaren

Title (fr)

Dispositif de distribution de produits, en particulier des produits de boulangerie

Publication

EP 1577848 B1 20071121 (DE)

Application

EP 05005521 A 20050314

Priority

DE 102004012825 A 20040315

Abstract (en)

[origin: EP1577848A1] The unit has a set of columns (100, 200), where each column contains turnstiles (210) that are placed vertically over one another. Each turnstile divides the column into compartments (222, 224, 226). Goods are transported from one compartment to another by horizontally rotating the turnstile through an angle corresponding to the size of the compartment, when the lower compartment in the direction of rotation is found to be empty. The turnstile is made of wire grid, wire mesh or a perforated metal sheet.

IPC 8 full level

G07F 11/06 (2006.01); **A47F 1/04** (2006.01); **G07F 11/52** (2006.01)

CPC (source: EP)

G07F 11/06 (2013.01); **G07F 11/52** (2013.01)

Cited by

DE102014106360A1; DE102015113401A1; WO2017025537A1; EP1821268A1; US2019008165A1; US10897911B2; WO2015169819A1; DE102014106360B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1577848 A1 20050921; **EP 1577848 B1 20071121**; DE 102004012825 A1 20051020; DE 102004012825 B4 20060216; DE 502005002014 D1 20080103; HK 1082312 A1 20060602

DOCDB simple family (application)

EP 05005521 A 20050314; DE 102004012825 A 20040315; DE 502005002014 T 20050314; HK 06103196 A 20060313