

Title (en)

Device and method for consecutive emptying of containers filled with rod-shaped products

Title (de)

Vorrichtung und Verfahren zum aufeinander folgenden Entleeren von mit stabförmigen Produkten gefüllten Behältern

Title (fr)

Dispositif et procédé de vidage successif de récipients remplis de produits en forme de tiges

Publication

EP 2260732 B1 20130501 (DE)

Application

EP 10075252 A 20100611

Priority

DE 102009025568 A 20090613

Abstract (en)

[origin: EP2260732A1] The device has a storage region (18) for receiving rod-shaped products from containers. A removing device is arranged below a supply device for removing an emptied container. Components based on product formats, such as cartridge (22), storage region and emptying magazine (19), comprise movable parts for adaptation to the different product formats. The movable parts are formed by the cartridge, the storage region and the emptying magazine in an automated and mechanically coupled manner. A drive for adjusting the movable parts is assigned to the storage region. An independent claim is also included for a method for consecutive emptying of containers filled with rod-shaped products.

IPC 8 full level

A24C 5/356 (2006.01)

CPC (source: EP)

A24C 5/356 (2013.01)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2260732 A1 20101215; EP 2260732 B1 20130501; CN 101919587 A 20101222; CN 101919587 B 20141231;
DE 102009025568 A1 20101216; PL 2260732 T3 20130930; PL 2260732 T4 20131231

DOCDB simple family (application)

EP 10075252 A 20100611; CN 201010208583 A 20100611; DE 102009025568 A 20090613; PL 10075252 T 20100611