

Title (en)

Chute unloading device and method for automatically unloading chutes filled with rod-like articles into a production machine for the tobacco processing industry and a production assembly with a production machine and at least two chute unloading devices

Title (de)

Schragenentleereinrichtung und Verfahren zum automatischen Entleeren von mit stabförmigen Artikeln gefüllten Schragen in eine Produktionsmaschine der Tabak verarbeitenden Industrie sowie eine Produktionsanordnung mit einer Produktionsmaschine und mindestens zwei Schragenentleereinrichtungen

Title (fr)

Dispositif de vidage de casiers et procédé de vidage automatique de casiers remplis d'articles en forme de tiges dans une machine de production de l'industrie de traitement du tabac, et système de production doté d'une machine de production et d'au moins deux dispositifs de vidage de casiers

Publication

EP 2759216 A9 20141008 (DE)

Application

EP 14152383 A 20140124

Priority

DE 102013100815 A 20130128

Abstract (en)

[origin: EP2759216A1] The device (10) has a feeding device (13) for feeding filled articles and an upwardly open full tray (11A) in transport direction (TAB). A transport unit (16) for transporting empty trays (11B) in transport direction, is arranged above feeding device. A transfer device (17) has a pivot mechanism (18) whose pivot motion is limited to 180[deg] about fixed pivot axis, a pivoting swivel cassette (19) for fixing, panning and releasing full tray independently from the pivot mechanism and an acting lift device (20) for fixing, linear processing and sharing empty trays. Independent claims are included for the following: (1) a production arrangement; and (2) a method for automatic emptying of containers with articles-filled trays in multi-segment filter manufacturing machine.

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2759216 A1 20140730; EP 2759216 A9 20141008; CN 103960777 A 20140806; CN 103960777 B 20191105; DE 102013100815 A1 20140731; JP 2014143999 A 20140814

DOCDB simple family (application)

EP 14152383 A 20140124; CN 201410041628 A 20140128; DE 102013100815 A 20130128; JP 2014011940 A 20140127