

Title (en)

DEVICE AND METHOD FOR TRANSFERRING ROD-LIKE ARTICLES OF THE TOBACCO PROCESSING INDUSTRY FROM A LONGITUDINAL CONVEYER FOR TRANSPORT OF THE ARTICLES ALONG A LONGITUDINAL AXIS TO A TRANSVERSE CONVEYOR FOR TRANSVERSE AXIAL TRANSPORT OF THE ARTICLES OR VICE VERSA

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ÜBERGABE STABFÖRMIGER ARTIKEL DER TABAK VERARBEITENDEN INDUSTRIE VON EINEM LÄNGSFÖRDERER ZUR LÄNGSAXIALEN FÖRDERUNG DER ARTIKEL AUF EINEN QUERFÖRDERER ZUR QUERAXIALEN FÖRDERUNG DER ARTIKEL ODER UMGEKEHRT

Title (fr)

DISPOSITIF ET PROCEDE DE TRANSFERT D'ARTICLES EN FORME DE TIGE DE L'INDUSTRIE DE TRAITEMENT DU TABAC DEPUIS UN TRANSPORTEUR LONGITUDINAL VERS UN DISPOSITIF DE TRANSPORT LONGITUDINAL-AXIAL DES ARTICLES SUR UN DISPOSITIF DE TRANSPORT TRANSVERSAL VERS UN DISPOSITIF DE TRANSPORT TRANSVERSAL-AXIAL DES ARTICLES OU INVERSEMENT

Publication

EP 2997839 B1 20180321 (DE)

Application

EP 15185186 A 20150915

Priority

DE 102014113296 A 20140916

Abstract (en)

[origin: CN105455191A] The invention relates to a device (10) for the transfer of rod-shaped articles (11) of the tobacco-processing industry from a longitudinal conveyor (12) for longitudinal axial conveying of the articles (11) onto a transverse conveyor (13) for transverse axial conveying of the articles (11) or vice versa, wherein the directions of transport T1 of the longitudinal conveyor (12) and T2 of the transverse conveyor (13) extend in linear alignment, comprising an about a rotation axis I rotationally drivable drum body (14) with at least one carrier element (15), each carrier element (15) about a pivot axis II is pivotably arranged on the drum body (14) and receptacles (16, 17) which are to decrease, for holding and for dispensing at least two rod-shaped articles (11), in particular tobacco rods, formed and arranged, wherein the seats (16, 17); are arranged to change the orientation of the rod-shaped article (11) of longitudinal-axially on transverse-axially or vice versa rotatably on the carrier element (15), which is characterized in that the receptacles (16, 17) of a carrier element (15) for changing the position of the rod-shaped article (11) are designed to be movable to each other during rotation of the drum body (14) about the rotational axis I. The invention further relates to a corresponding method.

IPC 8 full level

A24C 5/32 (2006.01)

CPC (source: EP)

A24C 5/326 (2013.01)

Cited by

EP4079166A1; DE102020128187A1; WO2022090016A1

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

DOCDB simple family (publication)

DE 102014113296 B3 20150716; CN 105455191 A 20160406; CN 105455191 B 20181211; EP 2997839 A1 20160323; EP 2997839 B1 20180321; PL 2997839 T3 20180928

DOCDB simple family (application)

DE 102014113296 A 20140916; CN 201510588004 A 20150916; EP 15185186 A 20150915; PL 15185186 T 20150915