

Title (en)

Conveyor device for conveying rod-shaped articles from the tobacco processing industry and method for controlling such a conveyor device

Title (de)

Fördereinrichtung zum Fördern stabförmiger Produkte der Tabak verarbeitenden Industrie und Verfahren zur Steuerung einer derartigen Fördervorrichtung

Title (fr)

Conveyeur destiné à convoyer des produits en forme de tige de l'industrie de traitement du tabac et procédé de commande d'un tel convoyeur

Publication

EP 2625972 A3 20171227 (DE)

Application

EP 13153605 A 20130201

Priority

DE 102012201922 A 20120209

Abstract (en)

[origin: EP2625972A2] The device has a longitudinal conveyer (1), a cross conveyer (2) and a guiding device (4) for supplying rod-shaped products (17) to the longitudinal conveyor. A sensor device (12) is arranged on gutters of the longitudinal conveyer and/or on gutters of the cross conveyer, and determines position of the products in the gutters. A control device (20) controls a drive device (10) of the longitudinal conveyer, a height adjusting device (13) of the guiding device and/or a device for changing position of the products in longitudinal axes based on signal generated by the sensor device. The sensor device is designed as a digital camera with an image evaluation device. An independent claim is also included for a method for controlling a conveyor device.

IPC 8 full level

A24C 5/32 (2006.01)

CPC (source: EP)

A24C 5/326 (2013.01); **A24C 5/328** (2013.01)

Citation (search report)

- [XY] DE 102009041320 A1 20110324 - HAUNI MASCHINENBAU AG [DE]
- [XY] EP 2294934 A2 20110316 - HAUNI MASCHINENBAU AG [DE]
- [T] DE 4129672 A1 19930311 - HAUNI WERKE KOERBER & CO KG [DE]
- [A] US 3039606 A 19620619 - GEORGE DEARSLEY
- [A] DE 10358670 A1 20050707 - FOCKE & CO [DE]

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 2625972 A2 20130814; **EP 2625972 A3 20171227**; **EP 2625972 B1 20200708**; CN 103238926 A 20130814; CN 103238926 B 20171031; DE 102012201922 B3 20130801

DOCDB simple family (application)

EP 13153605 A 20130201; CN 201310050167 A 20130208; DE 102012201922 A 20120209