

Title (en)

DEVICE AND METHOD FOR LABELING INDIVIDUAL PRODUCTS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ETIKETTIEREN VON EINZELNEN PRODUKTEN

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ÉTIQUETAGE DE PRODUITS INDIVIDUELS

Publication

EP 3353074 A1 20180801 (DE)

Application

EP 16774897 A 20160923

Priority

- DE 102015116166 A 20150924
- EP 2016072672 W 20160923

Abstract (en)

[origin: WO2017050959A1] The invention relates to a device (1) for labeling individual products (2), comprising an advancing device (3) for transporting each product (2) in a transport direction (X), a label dispensing device (4) for dispensing a label, which can be removed from a material strip (5), from a discharge point (6) in a dispensing direction (S), and a label transporting device (7) with a movable label transporting means (8) for transporting the dispensed label (5) from a transfer region (9), where the dispensed label (5) is transferred to the label transporting mean (8), to a delivery point (10), where the label (5) is applied onto the respective product (2). The label transport means (8) has a surface (11) which is brought into contact with the label (5). The aim of the invention is to simplify the labeling of individual products (2) and apply the labels (5) as precisely as possible. According to the invention, this is achieved in that the device (1) additionally has a label aligning device (12) with a roller (13) which has a roller axis (14) that is parallel to the surface (11) of the label transporting means (8) and a lateral surface (15) that is arranged circumferentially about the roller axis (14). The roller (13) is arranged such that an imaginary straight line (G) running from the discharge point (6) in the dispensing direction (S) intersects the lateral surface (15). The invention further relates to a corresponding method for labeling individual products (2).

IPC 8 full level

B65C 9/18 (2006.01)

CPC (source: EP US)

B65C 9/0006 (2013.01 - US); **B65C 9/02** (2013.01 - US); **B65C 9/18** (2013.01 - EP US); **B65C 9/30** (2013.01 - US)

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)

WO 2017050959 A1 20170330; CA 3006153 A1 20170330; CA 3006153 C 20240604; CN 108290656 A 20180717; CN 108290656 B 20201030; DE 102015116166 A1 20170330; DK 3353074 T3 20240521; EP 3353074 A1 20180801; EP 3353074 B1 20240228; ES 2985065 T3 20241104; PL 3353074 T3 20240722; US 11414232 B2 20220816; US 2018273229 A1 20180927

DOCDB simple family (application)

EP 2016072672 W 20160923; CA 3006153 A 20160923; CN 201680056086 A 20160923; DE 102015116166 A 20150924; DK 16774897 T 20160923; EP 16774897 A 20160923; ES 16774897 T 20160923; PL 16774897 T 20160923; US 201615762133 A 20160923