

Title (en)

METHOD AND DEVICE FOR APPLYING LABELS TO CIGARETTE PACKS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUFBRINGEN VON ETIKETTEN AUF ZIGARETTENPACKUNGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR APPLIQUER DES ÉTIQUETTES SUR DES PAQUETS DE CIGARETTES

Publication

EP 3704029 A1 20200909 (DE)

Application

EP 18796018 A 20181030

Priority

- DE 102017010112 A 20171102
- DE 102017010642 A 20171117
- EP 2018079755 W 20181030

Abstract (en)

[origin: WO2019086483A1] The invention relates to a method for applying labels (13) to blanks, material webs or partially completed packs (12) – products – during the production of cigarette packs or packs for other tobacco products, wherein a carrier strip (19) having labels (13) arranged thereon is conveyed to a pull-off station (18), which comprises a pull-off means (21), in particular a pull-off edge, at which pull-off station the labels (13) are separated one after the other cyclically by each being pulled off of the carrier strip (19) and are each transferred to an associated product (12) and applied to said product. The invention is characterized in that, continuously or with periodic recurrence, it is automatically determined whether the carrier strip (19), a label (13) still on the carrier strip (19) or a label (13) already applied to a product (12) deviates from a target position perpendicularly to the label pull-off direction, and if such a deviation is determined, the carrier strip (19) or the products (12) are automatically moved perpendicularly to the label pull-off direction in such a way that the deviation is counteracted.

IPC 8 full level

B65C 1/04 (2006.01); **B65C 9/40** (2006.01); **B65C 9/44** (2006.01)

CPC (source: EP)

B65B 7/2864 (2013.01); **B65B 19/28** (2013.01); **B65C 1/04** (2013.01); **B65C 9/40** (2013.01); **B65C 9/44** (2013.01); **B65C 2009/404** (2013.01)

Citation (search report)

See references of WO 2019086483A1

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)

DE 102017010642 A1 20190502; CN 111542477 A 20200814; CN 111542477 B 20230526; EP 3704029 A1 20200909; WO 2019086483 A1 20190509

DOCDB simple family (application)

DE 102017010642 A 20171117; CN 201880081478 A 20181030; EP 18796018 A 20181030; EP 2018079755 W 20181030