

Title (en)

A LABELING MACHINE AND A LABELING PROCESS FOR APPLYING LABEL SHEETS ONTO ARTICLES

Title (de)

ETIKETTIERMASCHINE UND ETIKETTIERVERFAHREN ZUM AUFBRINGEN VON ETIKETTFOLIEN AUF ARTIKEL

Title (fr)

MACHINE D'ÉTIQUETAGE ET PROCÉDÉ D'ÉTIQUETAGE POUR APPLIQUER DES ÉTIQUETTES SUR DES ARTICLES

Publication

EP 3647213 A1 20200506 (EN)

Application

EP 18306423 A 20181031

Priority

EP 18306423 A 20181031

Abstract (en)

A labeling machine (1; 1') for applying label sheets (2) onto articles (3) includes a label transfer device (7) for receiving at an input station (8) a web (6) of labeling material comprising a series of label sheets (2) joined to each other and to feed separated label sheets (2) to the articles (3) at an application station (10), the label transfer device (7) including a conveyor member (18) for feeding the web (6) along a path (Q) toward the application station (10) and, in turn, including at least two separate label holders (20) that receive and retain the web (6), the label transfer device further including a separation station (9) between the input station (8) and the application station (10) at which the label sheets (2) are separated from the web once at a time, the label holders (20) being independently controllable and moving away from one another at the separation station (9) to tension the web (6), and/or moving towards one another upstream of the separation station (9) to loosen and fold back a local portion (21) of the web (6) between the label holders (20), so that the folded back local portion (21) is preserved from interaction with external agents (1; 1').

IPC 8 full level

B65C 9/18 (2006.01); **B65H 35/10** (2006.01)

CPC (source: EP)

B65C 9/1803 (2013.01); **B65C 9/1826** (2013.01); **B65H 35/10** (2013.01); **B65C 2009/1834** (2013.01); **B65C 2009/1857** (2013.01); **B65H 2301/51514** (2013.01); **B65H 2404/4121** (2013.01); **B65H 2406/334** (2013.01); **B65H 2701/192** (2013.01); **B65H 2801/75** (2013.01)

Citation (applicant)

US 9174757 B2 20151103 - DECKERT LUTZ [DE]

Citation (search report)

- [A] WO 0034130 A1 20000615 - GERRO PLAST GMBH [DE]
- [A] US 2004089516 A1 20040513 - CHRISTIAN REBECCA HANSEN [US], et al
- [A] US 5111633 A 19920512 - DRAGHETTI FIORENZO [IT]
- [A] US 2009078363 A1 20090326 - KRAMER KLAUS [DE], et al

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 3647213 A1 20200506; **EP 3647213 B1 20210324**; EP 3873815 A1 20210908; WO 2020088923 A1 20200507

DOCDB simple family (application)

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