

Title (en)

DEVICE FOR PRINTING, SEVERING AND APPLYING SELF-ADHESIVE FLAT STRUCTURES, IN PARTICULAR LABELS

Title (de)

VORRICHTUNG ZUM BEDRUCKEN, TRENNEN UND APPLIZIEREN VON SELBSTKLEBENDEN FLÄCHENGEBILDEN, INSBESONDERE ETIKETTEN

Title (fr)

DISPOSITIF D'IMPRESSION, DE SÉPARATION ET D'APPLICATION DE STRUCTURES PLANES AUTOCOLLANTES, EN PARTICULIER D'ÉTIQUETTES

Publication

EP 3448765 A1 20190306 (DE)

Application

EP 17723935 A 20170426

Priority

- DE 202016102279 U 20160428
- EP 2017059994 W 20170426

Abstract (en)

[origin: WO2017186821A1] A device (1) for printing, severing and applying self-adhesive flat structures, in particular labels, wherein the device (1) operates with a label material without a carrier strip, which label material has a printable layer, a carrier layer and a heat-sealable adhesive layer, and the device (1) has an applicator (16, 16a, 22, 26), by way of which the label is applied to an object to be labelled, wherein the applicator (16, 16a, 22, 26) can be moved up to the object to be labelled by way of a handling device (18), and the handling device (18) is constructed in accordance with the principle of an open kinematic chain and has at least one translational kinematic axis (19) and/or at least one rotational kinematic axis (20), is distinguished by the fact that the applicator (16, 16a, 22) can be heated by way of a heating device (17) which operates in accordance with an electrical operating principle.

IPC 8 full level

B65C 9/25 (2006.01); **B65C 9/28** (2006.01); **B65C 9/36** (2006.01)

CPC (source: EP US)

B65C 9/1826 (2013.01 - US); **B65C 9/25** (2013.01 - EP US); **B65C 9/28** (2013.01 - EP US); **B65C 9/36** (2013.01 - EP US); **G09F 3/02** (2013.01 - US)

Citation (search report)

See references of WO 2017186821A1

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 202016102279 U1 20170731; AU 2017256735 A1 20181122; AU 2017256735 B2 20221208; DK 3448765 T3 20230130; EP 3448765 A1 20190306; EP 3448765 B1 20221026; US 10737821 B2 20200811; US 2019118988 A1 20190425; WO 2017186821 A1 20171102

DOCDB simple family (application)

DE 202016102279 U 20160428; AU 2017256735 A 20170426; DK 17723935 T 20170426; EP 17723935 A 20170426; EP 2017059994 W 20170426; US 201716096908 A 20170426