

Title (en)

DEVICE FOR TWO-SIDED OR MULTI-SIDED LABELING

Title (de)

VORRICHTUNG ZUM ZWEI- ODER MEHRSEITIGEN ETIKETTIEREN

Title (fr)

DISPOSITIF PERMETTANT UN ÉTIQUETAGE SUR DEUX CÔTÉS OU PLUS

Publication

EP 2470430 A2 20120704 (DE)

Application

EP 10741960 A 20100811

Priority

- DE 102009039000 A 20090828
- EP 2010061660 W 20100811

Abstract (en)

[origin: WO2011023538A2] The invention relates to a device for two-sided or multi-sided application of at least one self-adhesive label (1) to a three-dimensional object (2), said object having a protrusion (2.2) defining a fillet (2.7), having a transport or support surface (13) supporting the object (2) to be labeled, at least one applicator unit, by means of which the label (1) can be applied to the protrusion (2.2) of the object (2), and having at least one pressing device (14) comprising at least one pressing body (14.10) or a compressed air nozzle (24.1) for seating the label (1) on the fillet (2.7) of the object. According to the invention, the pressing body (14.10) or the compressed air nozzle (24.1) is mounted on a gearbox (14.1) coupled to a drive (14.2), by means of which the pressing body (14.10) or the compressed air nozzle (24.1) can be displaced back and forth from an initial position at a vertical distance from the transport or support surface (13) to an operating position, wherein the pressing body (14.10) or the compressed air nozzle (24.1) is disposed in the operating position at least partially below the protrusion (2.2) defining the fillet (2.7).

IPC 8 full level

B65C 1/04 (2006.01); **B65C 9/28** (2006.01); **B65C 9/36** (2006.01)

CPC (source: EP US)

B65C 1/045 (2013.01 - EP US); **B65C 9/28** (2013.01 - EP US); **B65C 9/36** (2013.01 - EP US); **Y10T 156/17** (2015.01 - EP US)

Citation (search report)

See references of WO 2011023538A2

Cited by

US10800600B2; US11192711B2; US11518607B2

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011023538 A2 20110303; **WO 2011023538 A3 20120329**; CA 2772152 A1 20110303; CA 2772152 C 20140909; CN 102498041 A 20120613; CN 102498041 B 20150325; DE 102009039000 A1 20110310; DK 2470430 T3 20141027; EP 2470430 A2 20120704; EP 2470430 B1 20140730; ES 2511053 T3 20141022; PL 2470430 T3 20150130; US 2012216956 A1 20120830; US 9061784 B2 20150623

DOCDB simple family (application)

EP 2010061660 W 20100811; CA 2772152 A 20100811; CN 201080038241 A 20100811; DE 102009039000 A 20090828; DK 10741960 T 20100811; EP 10741960 A 20100811; ES 10741960 T 20100811; PL 10741960 T 20100811; US 201013392659 A 20100811