

Title (en)

APPARATUS AND METHOD FOR SORTING LABELS PROVIDED ON A BACKING STRIP

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SORTIEREN VON AUF EINEM TRÄGERBAND BEREITGESTELLTEN ETIKETTEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRI D'ÉTIQUETTES DISPOSÉES SUR UNE BANDE DE SUPPORT

Publication

EP 2736813 B1 20150909 (DE)

Application

EP 12740061 A 20120724

Priority

- DE 102011108882 A 20110728
- EP 2012003120 W 20120724

Abstract (en)

[origin: WO2013013812A1] An apparatus for sorting labels (14) provided on a backing strip (12) comprises a monitoring device (24) which is designed to measure at least one feature of a label (14) provided on the backing strip (12) and to output a signal characteristic of the feature; a backing strip buffer (30) which is designed to pick up a section of the backing strip (12) for each label (14) to be sorted out; a label transfer device (32) which comprises a selection element (44) which can be moved between a first position and a second position, and the label transfer device (32) is designed to displace labels (14) on the backing strip (12) when the selection device (44) is in the first position and to lead labels (14) to be sorted out into the backing strip buffer (30) when the selection element (44) is in the second position. The apparatus further comprises a control device (22), which is designed to receive the signal output by the monitoring device (24), to determine on the basis of the received signal whether an label (14) is to be displaced on the backing strip (12) or to be sorted out, and, for labels (14) to be sorted out, to output a first actuating signal to the label transfer device (32), wherein the first actuating signal is suitable to cause a movement of the selection element (44) into the second position; and a removal device (48), which is designed to separate the labels (14) led into the backing strip buffer (30) from the backing strip (12).

IPC 8 full level

B65C 9/42 (2006.01); **B31D 1/02** (2006.01)

CPC (source: EP)

B31D 1/021 (2013.01); **B65C 9/42** (2013.01); **B65C 2009/0003** (2013.01); **B65C 2009/0093** (2013.01); **B65C 2009/404** (2013.01)

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

DOCDB simple family (publication)

DE 102011108882 A1 20130131; EP 2736813 A1 20140604; EP 2736813 B1 20150909; WO 2013013812 A1 20130131

DOCDB simple family (application)

DE 102011108882 A 20110728; EP 12740061 A 20120724; EP 2012003120 W 20120724