

Title (en)
DEVICE AND METHOD FOR APPLYING A SECURING ELEMENT TO A LABEL

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ANBRINGEN EINES SICHERUNGSELEMENTES AUF EINEM ETIKETT

Title (fr)
DISPOSITIF ET PROCEDE DESTINES A APPLIQUER UN ELEMENT DE SECURISATION SUR UNE ETIQUETTE

Publication
EP 1274627 B1 20040811 (DE)

Application
EP 01929510 A 20010405

Priority
• DE 10019438 A 20000419
• EP 0103900 W 20010405

Abstract (en)
[origin: US2005045273A1] The device (1) comprises individual stations, which are passed through in succession, and consisting of: a removal station (4) for labels (2), whereby one label (2) at a time is removed from a label stack (7); an application station (5), in which at least one securing element (3) is applied to the label (2), and of; a storage station (6) for the labels (2) provided with the securing elements (3), whereby said labels (2) provided with the securing elements (3) are placed in a label stack (9).

IPC 1-7
B65C 1/02; **B65C 9/12**; **B31D 1/02**; **B65C 9/10**

IPC 8 full level
G08B 13/24 (2006.01); **B31D 1/02** (2006.01); **B65C 1/02** (2006.01); **B65C 9/10** (2006.01); **B65C 9/12** (2006.01)

CPC (source: EP US)
B65C 1/023 (2013.01 - EP US); **B65C 9/10** (2013.01 - EP US); **B65C 9/12** (2013.01 - EP US); **Y10T 156/1089** (2015.01 - EP US); **Y10T 156/1744** (2015.01 - EP US); **Y10T 156/1746** (2015.01 - EP US); **Y10T 156/1761** (2015.01 - EP US); **Y10T 156/1763** (2015.01 - EP US); **Y10T 156/1768** (2015.01 - EP US); **Y10T 156/1771** (2015.01 - EP US); **Y10T 156/178** (2015.01 - EP US)

Citation (examination)
• GB 2310977 A 19970910 - JARVIS PORTER GROUP PLC [GB]
• WO 9714126 A1 19970417 - SUPERIOR LABEL SYSTEMS INC [US]
• US 4652863 A 19870324 - HULTMAN BO-GOERAN [SE]
• EP 0673007 A2 19950920 - PAYNE P P LTD [GB]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0181179 A1 20011101; AT E273175 T1 20040815; AU 5625901 A 20011107; AU 778303 B2 20041125; BR 0107926 A 20021210; DE 10019438 A1 20011025; DE 50103234 D1 20040916; EP 1274627 A1 20030115; EP 1274627 B1 20040811; ES 2227180 T3 20050401; JP 2003531448 A 20031021; PL 358058 A1 20040809; US 2003037872 A1 20030227; US 2005045273 A1 20050303; US 6823921 B2 20041130

DOCDB simple family (application)
EP 0103900 W 20010405; AT 01929510 T 20010405; AU 5625901 A 20010405; BR 0107926 A 20010405; DE 10019438 A 20000419; DE 50103234 T 20010405; EP 01929510 A 20010405; ES 01929510 T 20010405; JP 2001578289 A 20010405; PL 35805801 A 20010405; US 27310202 A 20021017; US 96268004 A 20041012