

Title (en)
Label Applicator

Title (de)
Etikettenapplikator

Title (fr)
Applicateur d'étiquettes

Publication
EP 2641836 A1 20130925 (DE)

Application
EP 13159194 A 20130314

Priority
DE 102012204487 A 20120321

Abstract (en)
The applicator (11) has an applicator head (15) supported at an extensible end of an extensible manipulator arm (13) i.e. spindle drive, over bistable snatching plate springs (25, 27). The applicator is formed such that the plate springs are back snatched from a stable re-snapped position to a stable base position via retraction of the applicator head against a stopper at the manipulator arm. Two ends of the plate springs are supported at the manipulator arm. The extensible end of the manipulator arm comprises a support platform (29) that comprises a bottom section and side sections.

Abstract (de)
Die Erfindung betrifft einen Applikator zum Aufbringen von Etiketten auf Waren, mit einem ausfahrbaren, an dem ausfahrbaren Ende mit einem Applizierkopf (15) versehenen, Manipulatorarm (13), wobei der Applizierkopf über wenigstens ein Schnappfederelement (25, 27) an dem Manipulatorarm gehalten ist.

IPC 8 full level
B65C 9/36 (2006.01)

CPC (source: EP)
B65C 9/36 (2013.01)

Citation (search report)
• [XDY] DE 102008032019 A1 20100114 - BIZERBA GMBH & CO KG [DE]
• [Y] US 2035971 A 19360331 - JOSEPH MAGNUSSON
• [XA] EP 2298510 A1 20110323 - BIZERBA GMBH & CO KG [DE]
• [XA] US 2004144497 A1 20040729 - BIXEN ROBERT W [US]
• [A] WO 0075019 A1 20001214 - SWINBURNE STEPHEN [US]
• [A] DE 102007037094 A1 20090212 - IWK VERPACKUNGSTECHNIK GMBH [DE]

Cited by
CN106715276A; WO2024028355A1

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 2641836 A1 20130925; EP 2641836 B1 20150506; DE 102012204487 A1 20130926

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