

Title (en)
Label applicator device

Title (de)
Vorrichtung zum Anbringen von Etiketten

Title (fr)
Appareil de pose d'étiquettes

Publication
EP 1975075 A1 20081001 (EN)

Application
EP 08153202 A 20080325

Priority
IT TO20070219 A 20070327

Abstract (en)
The device (1) allows the application of labels (L) to articles (A) conveyed by a conveyor (2) in a predetermined direction (F) and comprises: an operationally stationary support structure (3, 4); a rotary fluid actuator (7) including a body (8) containing a chamber (9) inside which a piston (10) is mounted so as to rotate in a reciprocating manner about an axis (Y) which is preferably vertical; and an applicator (12-14) connected to the piston (10) and extending outside the body (8) of the actuator (7) and comprising a perforated vane element (14) provided with a flat surface or side at least as big as a label (L) to be applied and having a plurality of through-openings (15). The arrangement is such that, as a result of a pressure pulse, the actuator (7) is able to pass in a pulsed manner from a first condition where the piston (10) arranges the applicator (12-14) in a retracted angular position where this applicator (12-14) is able to receive, on said flat surface or side of the perforated vane element (14), a label (L) to be applied, into a second condition where the piston (10) arranges the applicator (12-14) in an extracted angular position, where its perforated vane element (14) is able to apply onto an article (A) the label (L) which the vane element (14) has received and transported.

IPC 8 full level
B65C 1/02 (2006.01); **B65C 9/36** (2006.01)

CPC (source: EP)
B65C 1/021 (2013.01); **B65C 9/36** (2013.01)

Citation (search report)
• [A] DE 29805510 U1 19980625 - WEBER MARKING SYSTEMS GMBH [DE]
• [A] US 2003041973 A1 20030306 - SOTO WILFREDO [US], et al

Designated contracting state (EPC)
DE ES FR GB

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1975075 A1 20081001; IT TO20070219 A1 20080928

DOCDB simple family (application)
EP 08153202 A 20080325; IT TO20070219 A 20070327