

Title (en)
PNEUMATIC LABELING CYLINDER WITH RESTRICTOR

Title (de)
PNEUMATISCHER ETIKETTIERKOLBEN MIT DROSSEL

Title (fr)
PISTON D'ETIQUETAGE PNEUMATIQUE COMPRENANT UN RESTRICTEUR

Publication
EP 1224398 B1 20040929 (DE)

Application
EP 00953089 A 20000726

Priority
• DE 19952375 A 19991030
• EP 0007130 W 20000726

Abstract (en)
[origin: US6978818B1] A device for affixing an adhesive label to a package comprises a piston and cylinder. The cylinder comprises two connections arranged on a wall of the cylinder spaced apart from each other, which are alternatively connected to either a positive or a negative pressure media source. The connections control the movement of the piston inside the cylinder so that the piston can move between a first dead center position and a second dead center position thereby causing a stamp to affix a label to the package. Shortly before reaching the first dead center, the piston blocks the first connection with its cylindrical wall, thereby stopping any increase in negative pressure between the piston and the first dead end position.

IPC 1-7
F15B 15/22; **B65C 9/26**; **B65C 9/36**; **B65C 9/40**

IPC 8 full level
B65C 9/26 (2006.01); **B65C 9/36** (2006.01); **B65C 9/40** (2006.01); **F15B 11/048** (2006.01); **F15B 15/22** (2006.01)

CPC (source: EP US)
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