

Title (en)

Apparatus for intermittently dispensing fluids

Title (de)

Vorrichtung zur intermittierenden Abgabe von fluiden Medien

Title (fr)

Appareil pour la distribution intermittente de produits fluides

Publication

**EP 1681101 B1 20110302 (DE)**

Application

**EP 06000253 A 20060107**

Priority

DE 202005000656 U 20050117

Abstract (en)

[origin: EP1681101A1] A method for rapid intermittent dispensing liquids, e.g. Adhesive stripes, has a pneumatic dispensing valve (10) in a dispensing head connected to liquid and compressed gas ducts. In order to achieve a rapid dispensing rate with a minimum of inertia the pneumatic valve is directly controlled by a solenoid valve (25) mounted close to the pneumatic valve, i.e. with a minimum of trapped pneumatic volume. The pneumatic valve operates against a return spring and the solenoid valve has a variable control, related to the applied voltage, to vary the dispensing rate.

IPC 8 full level

**B05C 5/02** (2006.01); **B05C 5/00** (2006.01)

CPC (source: EP)

**B05B 7/1281** (2013.01); **B05C 5/0225** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 202005000656 U1 20050317**; DE 502006008969 D1 20110414; EP 1681101 A1 20060719; EP 1681101 B1 20110302; EP 2138238 A1 20091230; EP 2138238 B1 20140402; ES 2361035 T3 20110613; ES 2470640 T3 20140624

DOCDB simple family (application)

**DE 202005000656 U 20050117**; DE 502006008969 T 20060107; EP 06000253 A 20060107; EP 09012730 A 20060107; ES 06000253 T 20060107; ES 09012730 T 20060107