

Title (en)

APPLICATOR FOR APPLYING A SINGLE- OR MULTICOMPONENT FLUID AND METHOD FOR SPRAYING SUCH A FLUID

Title (de)

APPLIKATOR ZUM AUFTRAGEN EINES EIN- ODER MEHRKOMPONENTEN-FLUIDS UND VERFAHREN ZUM AUFSPRÜHEN EINES DERARTIGEN FLUIDS

Title (fr)

APPLICATEUR PERMETTANT D'APPLIQUER UN FLUIDE A UN OU PLUSIEURS CONSTITUANTS ET PROCEDE DE VAPORISATION DUDIT FLUIDE

Publication

EP 0966330 A1 19991229 (DE)

Application

EP 98921394 A 19980310

Priority

- DE 19709896 A 19970311
- EP 9801381 W 19980310

Abstract (en)

[origin: WO9840167A1] The invention relates to an applicator (10) for applying a single- or multicomponent fluid, especially a tissue glue, comprising a casing (12) to which at least one reservoir (16) for the fluid can be attached. Said reservoir (16) has an outlet (28) and a piston (20) which is positioned in such a way that it can slide towards said outlet (28). A cocking lever (58) is pivotably mounted on the casing (12). When manually operated, said cocking lever moves a trigger element (54) by which means a spring (46) is stretched to store mechanical energy. The trigger element (54) is coupled with a driving element (66), which when driven by the stored mechanical energy of the spring (46) over an incremental distance moves a pressing element (84), said pressing element acting upon the piston (20) to push it towards the outlet (28) of the reservoir (16).

IPC 1-7

B05C 17/01; **B05C 17/005**; **A61B 17/00**; **B05B 11/02**; **B05B 7/24**

IPC 8 full level

A61B 17/11 (2006.01); **A61B 17/00** (2006.01); **A61M 5/315** (2006.01); **B05B 7/24** (2006.01); **B05B 11/02** (2006.01); **B05C 5/00** (2006.01); **B05C 17/005** (2006.01); **B05C 17/01** (2006.01)

CPC (source: EP US)

A61B 17/00491 (2013.01 - EP US); **A61M 5/31581** (2013.01 - EP US); **B05B 7/2467** (2013.01 - EP US); **B05B 11/02** (2013.01 - EP US); **B05C 17/00553** (2013.01 - EP US); **B05C 17/013** (2013.01 - EP US); **B05C 17/0133** (2013.01 - EP US); **A61M 5/31575** (2013.01 - EP US); **A61M 2005/3152** (2013.01 - EP US); **A61M 2039/224** (2013.01 - EP US); **A61M 2039/226** (2013.01 - EP US)

Citation (search report)

See references of WO 9840167A1

Cited by

US7846125B2

Designated contracting state (EPC)

AT DE ES FR GB IT

DOCDB simple family (publication)

WO 9840167 A1 19980917; AU 7427198 A 19980929; BR 9808323 A 20000516; DE 19709896 C1 19981224; EP 0966330 A1 19991229; JP 2001515401 A 20010918; US 6464663 B1 20021015

DOCDB simple family (application)

EP 9801381 W 19980310; AU 7427198 A 19980310; BR 9808323 A 19980310; DE 19709896 A 19970311; EP 98921394 A 19980310; JP 53921298 A 19980310; US 38084499 A 19991109