

Title (en)

Improved spray gun for glue applications.

Title (de)

Sprühpistole zum Klebstoffauftrag.

Title (fr)

Pistolet de pulvérisation pour l'application de colle.

Publication

EP 0682986 A3 19971217 (EN)

Application

EP 94830599 A 19941230

Priority

IT BO940208 A 19940511

Abstract (en)

[origin: EP0682986A2] An improved atomising type spray gun for glue application comprises a hollow body (1), with a movable member (50) inserted therein, and forming, in its lower part, a nozzle (60). The movable member (50) slides in a collar section (4) between a closing position (A) and an opening position (B). The movable member (50) has an axial hole (82) for injecting compressed air and discharging it at an exit orifice (84). The hollow member (1) and nozzle (60) delimit a hollow (33) wherein glue under pressure is injected that is then discharged through a ring-like passage 80 that opens at the said exit orifice (84). A ring (40) is fixed to the outer surface of the terminal part of the hollow member (1), thus forming a ring-like recess (43), that is supplied with solvent under pressure with a ring-like orifice (44) by which a stream of solvent is directed towards the exit orifice (84). <IMAGE>

IPC 1-7

B05B 7/06

IPC 8 full level

B05B 7/06 (2006.01)

CPC (source: EP)

B05B 7/061 (2013.01)

Citation (search report)

- [A] EP 0359943 A2 19900328 - NORDSON CORP [US]
- [A] EP 0105493 A2 19840418 - BECKERSJUERGEN ROBERT
- [A] GB 2063713 A 19810610 - DEVILBISS EUROPA GMBH

Cited by

CN106391405A; CN109261449A

Designated contracting state (EPC)

DE ES FR GB PT

DOCDB simple family (publication)

EP 0682986 A2 19951122; EP 0682986 A3 19971217; BR 9405313 A 19951205; IT BO940208 A0 19940511; IT BO940208 A1 19951111

DOCDB simple family (application)

EP 94830599 A 19941230; BR 9405313 A 19941229; IT BO940208 A 19940511