

Title (en)

Adhesive stick with a piston shaped holding device for the stick

Title (de)

Klebstift mit kolbenförmiger Haltevorrichtung für die Stiftmasse

Title (fr)

Bâton adhésif avec dispositif de maintien du bâton en forme de piston

Publication

**EP 0697181 A3 19990616 (DE)**

Application

**EP 95112415 A 19950807**

Priority

DE 4429037 A 19940816

Abstract (en)

[origin: EP0697181A2] The outer sleeve (10), piston with piston plate (O) and drive belt (1) for the up and down movement of the glue mass which also serves as the operating element, form one unit designed as an injection moulded blank. The drive belt is attached each side to the piston plate and has at its apex a pressure plate (3) which forms the crossing point between the drive belt and side edge of a pressure shield (2) mounted on either side of it. Round the circumference of the piston there are two guide rings (7) and sealing elements (4). The piston plate (O) has on its side projecting into the sleeve (10) anchorage elements for the adhesive substance in the form of bristles (6). The piston is connected after ejection from the injection moulding machine by bridges (5) to the inside of the sleeve. A snap ring (9) for fitting a cap is provided on the lower open end of the sleeve.

IPC 1-7

**A45D 40/02**

IPC 8 full level

**A45D 40/02** (2006.01); **B43M 11/00** (2006.01)

CPC (source: EP)

**A45D 40/02** (2013.01)

Citation (search report)

- [PYPA] EP 0631740 A1 19950104 - UHU GMBH [DE]
- [Y] US 4127126 A 19781128 - SCHUNK GEORGE J
- [A] US 1495800 A 19240527 - RECKER ADOLPH C
- [A] DE 921587 C 19541220 - ZEIS WALTER
- [A] US 2887253 A 19590519 - BIEDENSTEIN VINCENT G
- [PA] EP 0631741 A1 19950104 - UHU GMBH [DE]
- [A] US 4817829 A 19890404 - FUCHS KARL-HEINZ [DE], et al

Cited by

DE19750386A1; EP2095738A1; FR2927783A1

Designated contracting state (EPC)

AT ES FR GB IT NL

DOCDB simple family (publication)

**EP 0697181 A2 19960221**; **EP 0697181 A3 19990616**; DE 4429037 A1 19960222; JP H0930196 A 19970204; PL 177061 B1 19990930; PL 309806 A1 19960219

DOCDB simple family (application)

**EP 95112415 A 19950807**; DE 4429037 A 19940816; JP 20579295 A 19950811; PL 30980695 A 19950727