

Title (en)

Device for the continuous delivery of dense and/or viscous substances, with a coaxially sliding cylindrical rod.

Title (de)

Vorrichtung zur kontinuierlichen Abgabe dichter und/oder viskoser Werkstoffen, mit einer koaxialen gleitenden zylindrischen Stange.

Title (fr)

Dispositif pour la délivrance continue de substances denses et/ou visqueuses, avec un barreau cylindrique coulissant coaxialement.

Publication

EP 0681874 A3 19960612 (EN)

Application

EP 95200887 A 19950407

Priority

IT MI940272 U 19940413

Abstract (en)

[origin: EP0681874A2] Device for the continuous delivery of dense and/or viscous substances, in particular adhesives of the polymerizable type, comprising a tubular delivery body (5) with a cylindrical rod (4) coaxially sliding, alternately, inside it by means of a double-acting piston (2), so as to create an annular cavity (6) connected to a source supplying adhesive under pressure, said rod being provided with substantially conical obturator means (8a) at its free end which comprises, coaxially with the said conical obturator (8a) and in the vicinity thereof, at least two sealing members consisting of enlarged parts (10, 13), integral with said rod (4) and sliding inside chambers or countersunk zones (11, 14) formed in the internal surface of the tubular body (5), there also being provided at the opposite end of said annular cavity (6) at least one other sealing member consisting of a cylindrical body (17), coaxial with said rod (4) and sliding inside a chamber (16) of larger diameter formed inside the cylindrical body. <IMAGE>

IPC 1-7

B05C 11/10

IPC 8 full level

B05C 5/02 (2006.01)

CPC (source: EP)

B05C 5/0225 (2013.01)

Citation (search report)

- [A] EP 0565972 A1 19931020 - WALLNER HARALD [DE]
- [A] US 4678100 A 19870707 - GELINAS WILLIAM A [US], et al
- [A] US 5065910 A 19911119 - FIEDLER EDGAR F [CA]

Cited by

CN103977933A; US6164568A; EP0850697A3; CN114273157A; JP2014089963A

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