Title (en)

APPARATUS FOR EXTRUDING PASTES

Publication

EP 0254969 B1 19900613 (DE)

Application

EP 87110251 A 19870716

Priority

- DE 8620379 U 19860730
- DE 8705030 U 19870404

Abstract (en)

[origin: US4840293A] An apparatus for discharging a bead or strand of pasty material from a deformable tubular container such as a tubular bag has a bag-loadable cylinder with a front face pointing in a discharge direction, the front face having a central opening aligned with a nozzle connection of the tubular bag. A substantially piston-like pressure member is axially displaceable against the tubular bag in the cylinder. In order to avoid drooling and dribbling of material through the nozzle after interruption of the discharge process, and also to prevent jamming of the edges of the tubular bag, the pressure member has a pressure relief spring supported on the wall of the cylinder and cooperating therewith, the spring having spring tongues directed obliquely forward around the deformable bag.

IPC 1-7

B05C 17/00; B65D 83/00; E04F 21/30

IPC 8 full level

B05C 5/00 (2006.01); **B05C 17/00** (2006.01); **B05C 17/005** (2006.01); **B05C 17/015** (2006.01); **B65D 83/00** (2006.01); **E04F 21/30** (2006.01)

CPC (source: EP US)

B05C 17/00576 (2013.01 - EP US); **B05C 17/00583** (2013.01 - EP US); **B05C 17/015** (2013.01 - EP US)

Cited by

DE102009034774A1; DE8901554U1; CN112459430A; DE3922958A1; US5301839A; DE102005007055A1; EP0380792A3; EP2444163A1; WO2011012221A1

Designated contracting state (EPC)

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DE 8705030 U1 19870604; DE 3763150 D1 19900719; EP 0254969 A1 19880203; EP 0254969 B1 19900613; JP H07106331 B2 19951115; JP S6339660 A 19880220; US 4840293 A 19890620

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DE 8705030 U 19870404; DE 3763150 T 19870716; EP 87110251 A 19870716; JP 18680887 A 19870728; US 7649687 A 19870722