

Title (en)

MOTOR-DRIVEN HAND SPRAYING DEVICE FOR PROCESSING PLASTIC COMPOSITIONS

Publication

EP 0172788 B1 19880518 (DE)

Application

EP 85810371 A 19850815

Priority

- DE 3431291 A 19840825
- DE 3512967 A 19850411

Abstract (en)

[origin: US4653675A] A hand-held motor driven extruding device for dispensing a plastic substance such as a sealing compound, a bonding agent and the like, utilizes a multi-part telescopic threaded spindle in place of a single piston rod. The threaded spindle includes a first spindle section fixed in the housing of the device. The first spindle section can be rotated in both directions around its axis, but is secured against displacement in the axial direction. At least one threaded spindle section can be extended and retracted relative to the first threaded section so that in the retracted condition the spindle sections are arranged one within the other. The piston is secured to the end of the spindle section spaced most remotely from the first spindle section in the extended condition and the piston is fixed against relative rotation with respect to the spindle section to which it is secured.

IPC 1-7

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

IPC 8 full level

B05C 17/00 (2006.01); **B05C 17/01** (2006.01); **B65D 83/00** (2006.01); **E04F 21/30** (2006.01)

CPC (source: EP US)

B05C 17/0103 (2013.01 - EP US)

Cited by

CN103706535A; CN108654947A; GB2271391A; GB2271391B; WO9522411A1

Designated contracting state (EPC)

AT BE CH DE FR GB LI SE

DOCDB simple family (publication)

EP 0172788 A1 19860226; **EP 0172788 B1 19880518**; DE 3562715 D1 19880623; US 4653675 A 19870331

DOCDB simple family (application)

EP 85810371 A 19850815; DE 3562715 T 19850815; US 76915885 A 19850823