

Title (en)
DISPENSERS FOR VISCOUS MATERIALS

Publication
EP 0220027 A3 19870902 (EN)

Application
EP 86307842 A 19861010

Priority
GB 8525035 A 19851010

Abstract (en)
[origin: EP0220027A2] A mastic gun comprising a barrel (1), a piston on a piston rod (4), an operating mechanism (3) for advancing the piston rod (4), and a nozzle assembly (2) for delivery of the mastic. The nozzle assembly (2) comprises a nozzle holder (27) which extends through an aperture (31) in the end wall (22) of the barrel and has at least one spring biased detent (41,42) to retain the holder in the aperture and a nozzle (51) retained in the nozzle holder, the nozzle preventing release of the detent (41,42).

IPC 1-7
B05C 17/00

IPC 8 full level
B65G 53/50 (2006.01); **B05C 5/00** (2006.01); **B05C 11/10** (2006.01); **B05C 17/005** (2006.01)

CPC (source: EP)
B05C 17/00516 (2013.01); **B05C 17/00586** (2013.01); **B05C 17/00596** (2013.01); **B05C 17/0123** (2013.01)

Citation (search report)

- [A] US 2420203 A 19470506 - LOUISE SHERBONDY ANNA
- [A] US RE26180 E 19670404
- [A] US 4042174 A 19770816 - VAUGHN ALVIE G
- [A] EP 0046664 A1 19820303 - NORDSON CORP [US]

Cited by
EP0380792A3; CN104549926A; EP0741260A1; US5632412A; ES2221539A1; DE102005002850B4; DE102005002850A1; WO2005107961A1; US10863985B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL

DOCDB simple family (publication)
EP 0220027 A2 19870429; EP 0220027 A3 19870902; AU 6390486 A 19870416; DK 480886 A 19870411; DK 480886 D0 19861008; GB 2181490 A 19870423; GB 2181490 B 19881102; GB 8525035 D0 19851113; JP S62163766 A 19870720

DOCDB simple family (application)
EP 86307842 A 19861010; AU 6390486 A 19861010; DK 480886 A 19861008; GB 8525035 A 19851010; JP 23940386 A 19861009