

Title (en)
Fluid injection apparatus.

Title (de)
Vorrichtung zur Injektion von Flüssigkeiten.

Title (fr)
Appareil pour injecter des fluides.

Publication
EP 0299121 A1 19890118 (EN)

Application
EP 87306242 A 19870715

Priority
EP 87306242 A 19870715

Abstract (en)
Piston (6,11) is slidable within cylindrical casing (1) to force fluid disposed in collapsible container (C) out through nozzle (14). The piston is spring-biassed to cause automatic fluid discharge, but when withdrawn can be retained against the action of spring (5) by engagement of projections (9) on the piston rod (6) with casing end caps (3). For filling cracks or gaps with liquid sealant, a plurality of such injectors may be used, each secured in position by way of attachment units (15) and/or dowels located in bores.

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E04G 23/02

IPC 8 full level
E04G 23/02 (2006.01)

CPC (source: EP)
E04G 23/0203 (2013.01); **E04G 23/0211** (2013.01)

Citation (search report)
• [X] WO 8701153 A1 19870226 - JANG JONG GEUN [JP]
• [A] WO 8702404 A1 19870423 - PAN AMERICAN TRADING CO LTD [JP]

Cited by
US2017030095A1; CN105888285A; CN105926969A; KR100426614B1; CN105926966A; CN105822086A; CN115142564A; GB2208682B; CN105926970A; CN105822082A; CN105839942A; CN105926973A; EP0575451A4; CN105926972A; JP2021055479A; JP2015094090A; CN105804430A; CN105839943A; CN105888284A; EP1154100A1; FR2808827A1; CN105926971A; US10501950B2; CN115162763A; US10058887B2; WO2008056215A3

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