

Title (en)
SPRAY OR DOSAGE PUMP INCLUDING A PUMP HOUSING AND ACTIVATING BUTTON

Publication
EP 0098373 A3 19841205 (DE)

Application
EP 83104896 A 19830518

Priority
DE 3225911 A 19820710

Abstract (en)
[origin: US4566611A] A pump for dispensing fluids and like media, having a pump casing including structure forming a counter locking means, a pusher for operating the pump, movable from a rest position into the pump casing to deliver a pumping stroke responsive to manual depression of an operating surface formed in an end face of the pusher, a locking mechanism for the pusher formed by the operating surface and a locking portion rigidly affixed to the operating surface, the locking mechanism being pivotally attached to the pusher to enable movement of the locking portion into and inwardly of a locking position relative to the counter locking means of the pump casing, whereby each pumping stroke must be preceded by pivotal movement of the locking mechanism, and, resilient structure for automatically urging the locking portion outwardly, into the locking position, after each pumping stroke, whereby pressure exerted upon any portion of the end face other than the operating surface will be ineffective for accidentally operating the pump and delivering an unwanted pumping stroke.

IPC 1-7
B05B 11/00; **F04B 9/14**

IPC 8 full level
B05B 11/00 (2006.01); **F04B 9/14** (2006.01)

CPC (source: EP US)
B05B 11/1059 (2023.01 - EP US)

Citation (search report)

- [X] FR 2140969 A5 19730119 - LEEDS & MICALLEF
- [A] FR 2475641 A1 19810814 - CORSETTE DOUGLAS FRANK [US]
- [A] EP 0042039 A1 19811223 - CANYON CORP [JP]
- [A] US 3169672 A 19650216 - SOFFER JACK W, et al

Cited by
US4886741A; EP0686432A3; DE4027672A1; DE4008068A1; US5427280A; EP0472985B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
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