

Title (en)

Method and device for dosed pumping

Title (de)

Vorrichtung und Verfahren zum Dosieren von Material

Title (fr)

Procédé et dispositif pour le pompage dosé

Publication

**EP 1195518 A3 20030702 (DE)**

Application

**EP 01123104 A 20010927**

Priority

DE 10048924 A 20001004

Abstract (en)

[origin: EP1195518A2] The moving piston (12) is controlled by a piezoelectric actuator. to Independent claim is included for the corresponding dosing method.

IPC 1-7

**F04B 13/00**; **F04B 17/00**; **F04B 7/00**; **F04B 7/04**; **F04B 19/22**

IPC 8 full level

**F04B 7/00** (2006.01); **F04B 13/00** (2006.01); **F04B 17/00** (2006.01)

CPC (source: EP)

**F04B 7/008** (2013.01); **F04B 13/00** (2013.01); **F04B 17/003** (2013.01)

Citation (search report)

- [X] US 5024587 A 19910618 - MAURER CHRISTOPH [DE]
- [A] US 4405294 A 19830920 - ALBARDA SCATO [DE]
- [A] DE 79345 C
- [A] CH 569883 A5 19751128 - NESTLE SA

Cited by

CN107899627A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1195518 A2 20020410**; **EP 1195518 A3 20030702**; DE 10048924 A1 20020529; DE 10048924 C2 20030102

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**EP 01123104 A 20010927**; DE 10048924 A 20001004