

Title (en)
Dosing pump

Title (de)
Dosierpumpe

Title (fr)
Pompe de dosage

Publication
EP 1477676 B1 20051116 (DE)

Application
EP 03010890 A 20030515

Priority
EP 03010890 A 20030515

Abstract (en)
[origin: EP1477676A1] The dosing pump has a drive unit and a membrane pump (10) that is driven by the drive unit via a piston rod. The drive unit has a drive motor (26) for driving a piston drive (16) for moving the piston rod, whereby a planetary gear mechanism (28) is arranged between the drive motor and the piston drive. The piston drive has an eccentric element (18) for converting rotary motion of the motor and gear mechanism to linear rod motion.

IPC 1-7
F04B 43/04; F04B 43/02; F04B 9/02

IPC 8 full level
F04B 9/02 (2006.01); **F04B 43/02** (2006.01); **F04B 43/04** (2006.01)

CPC (source: EP US)
F04B 9/02 (2013.01 - EP US); **F04B 43/04** (2013.01 - EP US)

Cited by
CN103395863A; WO2013037512A1; DE102016101479A1; WO2017129295A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1477676 A1 20041117; **EP 1477676 B1 20051116**; DE 50301675 D1 20051222

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