

Title (en)

Metering pump

Title (de)

Dosierpumpe

Title (fr)

Pompe de dosage

Publication

EP 1134416 B1 20070418 (DE)

Application

EP 01104328 A 20010223

Priority

DE 10012887 A 20000316

Abstract (en)

[origin: EP1134416A2] The pump has a stepper motor (17), reduction gears (19,25,28), an eccentric drive (24,27) for converting drive shaft rotation into translation of a rod (7), a membrane pump acted upon by the rod and an electronic controller. The gear arrangement has a toothed belt drive between the motor shaft and the eccentric drive. There is a common, preferably one-piece bearer body (12) for the motor, gears, eccentric drive and pump.

IPC 8 full level

F04B 43/04 (2006.01); **F04B 9/04** (2006.01)

CPC (source: EP US)

F04B 9/045 (2013.01 - EP); **F04B 43/04** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1134416 A2 20010919; **EP 1134416 A3 20030423**; **EP 1134416 B1 20070418**; DE 10012887 C1 20011031; DE 10012887 C5 20140618; DE 50112354 D1 20070531

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