

Title (en)

Dosing pump for fuel dosing in a car heating or reformer system

Title (de)

Dosierpumpe, insbesondere Kraftstoffdosierpumpe für ein Fahrzeugheizgerät oder ein Reformersystem

Title (fr)

Pompe doseuse pour l'alimentation en carburant d'un dispositif de chauffage ou de reformage pour voiture

Publication

EP 1645754 A3 20100707 (DE)

Application

EP 05020177 A 20050915

Priority

DE 102004049171 A 20041008

Abstract (en)

[origin: EP1645754A2] Regulating pump e.g. fuel-regulating pump has a pump chamber (30) formed inside pump chamber housing (28) with a piston (48) which is movable and is responsible for the volume change of the chamber. The drive arrangement (60) has a peizo-actuator (64), which is coupled with the piston.

IPC 8 full level

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

CPC (source: EP)

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

Citation (search report)

- [XY] DE 10231216 A1 20040122 - HYDRAULIK RING GMBH [DE]
- [Y] US 6425740 B1 20020730 - JACOBSEN STEPHEN C [US], et al
- [X] US 3946551 A 19760330 - LINEBRINK KAIL L, et al
- [X] DE 10234584 B3 20040408 - FESTO AG & CO [DE]
- [A] US 6428289 B1 20020806 - LISHANSKI GRIGORI [US], et al

Cited by

DE102008057635A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1645754 A2 20060412; **EP 1645754 A3 20100707**; **EP 1645754 B1 20150729**; DE 102004049171 A1 20060413

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EP 05020177 A 20050915; DE 102004049171 A 20041008