

Title (en)

PUMP, ESPECIALLY HIGH PRESSURE PUMP FOR USE IN A FUEL INJECTOR OF AN INTERNAL COMBUSTION ENGINE

Title (de)

PUMPE, INSBESONDERE HOCHDRUCKPUMPE FÜR EINE KRAFTSTOFFEINSPRITZVORRICHTUNG EINES VERBRENNUNGSMOTORS

Title (fr)

POMPE, NOTAMMENT POMPE A HAUTE PRESSION POUR DISPOSITIF D'INJECTION DE CARBURANT DANS UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 0906511 A1 19990407 (DE)**

Application

**EP 97953670 A 19971224**

Priority

- DE 9703011 W 19971224
- DE 19712872 A 19970327

Abstract (en)

[origin: DE19712872A1] The present invention relates to a pump, especially a high pressure pump for use in a fuel injector of an internal combustion engine, provided with a pump casing (10) with, on the one hand, at least one working space located between an inlet area (15) and a feeding area (20) operatively linked inside the pump casing (24), an actuating element (16) being mounted in said working space and, on the other hand, at least one pump shaft (14) inside the pump casing (10), which enables the actuating element (16) to be operated. In order to reduce the length of the construction and extend the service life of the pump, it is provided that the pump casing (10) be secured to a wall (45) of the motor crankcase (45'), with the possibility for the pump shaft (14, 14') of being radially laid onto a shaft (46) mounted inside the motor crankcase (45').

IPC 1-7

**F04B 1/053**; F04B 9/04; F02M 39/02; F02M 59/06; F02M 59/48

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 9844258A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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