

Title (en)

PUMP ARRANGEMENT FOR SUPPLYING FUEL UNDER HIGH PRESSURE IN INTERNAL COMBUSTION ENGINE FUEL INJECTION SYSTEMS

Title (de)

PUMPENANORDNUNG ZUR KRAFTSTOFFHOCHDRUCKVERSORGUNG BEI KRAFTSTOFFEINSPRITZSYSTEMEN VON BRENNKRAFTMASCHINEN

Title (fr)

AGENCEMENT DE POMPES POUR L'ALIMENTATION SOUS HAUTE PRESSION EN CARBURANT DANS DES SYSTEMES D'INJECTION DE CARBURANT DE MOTEURS A COMBUSTION INTERNE

Publication

**EP 0932763 A1 19990804 (DE)**

Application

**EP 98946225 A 19980709**

Priority

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- DE 19736160 A 19970820

Abstract (en)

[origin: DE19736160A1] The fuel pump has a low pressure pump feeding a high pressure pump. The low pressure pump has a toothed impeller pump and is mounted to the high pressure pump housing, opposite to a drive input shaft (10). A main drive shaft (38) inside the pump drives radial pistons via eccentric cams, and is coupled to the low pressure pump by a membrane clutch (40). The low pressure pump is fitted onto aligning profiles (16,18) on the pump housing.

IPC 1-7

**F04B 23/10**; F02M 39/00

IPC 8 full level

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CPC (source: EP US)

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