

Title (en)

HIGH PRESSURE PUMP, ESPECIALLY FOR A FUEL INJECTION DEVICE IN AN INTERNAL COMBUSTION ENGINE

Title (de)

HOCHDRUCKPUMPE, INSBESONDERE FÜR EINE KRAFTSTOFFEINSPRITZEINRICHTUNG EINER BRENNKRAFTMASCHINE

Title (fr)

POMPE HAUTE PRESSION NOTAMMENT DESTINEE A UN DISPOSITIF D'INJECTION DE CARBURANT D'UN MOTEUR A COMBUSTION INTERNE

Publication

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Application

**EP 03807731 A 20030620**

Priority

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- DE 10247142 A 20021009

Abstract (en)

[origin: WO2004033905A1] The invention relates to a high pressure pump comprising a pump housing (10, 12, 14) wherein a plurality of pump elements (16) are arranged. Said pump elements (16) transport a liquid at high pressure to a common high pressure connection (42) via a high pressure channel system. Said pump housing comprises a housing body (10), and for each pump element (16), a housing cover (14) which is connected to the housing body (10) and which covers said pump elements. In the housing body (10), the high pressure channel system comprises high pressure bores (52, 54) which extend in a continuous manner without any out backs and which are concentrated in the transition area between the housing body (10) and one of the housing covers (14a) or between one of the housing covers (14a) and the common high pressure connection (42).

IPC 8 full level

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