

Title (en)

SINGLE-PLUNGER INJECTION PUMP FOR A COMMON RAIL FUEL INJECTION SYSTEM

Title (de)

EINSTEMPEL-EINSPRITZPUMPE FÜR EIN COMMON-RAIL-KRAFTSTOFFEINSPRITZSYSTEM

Title (fr)

POMPE D'INJECTION A UN PISTON POUR SYSTEME D'INJECTION DE CARBURANT PAR ACCUMULATION DE PRESSION

Publication

**EP 1379784 A1 20040114 (DE)**

Application

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Priority

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Abstract (en)

[origin: WO02081920A1] The invention relates to a single-plunger injection pump for high-speed internal combustion engines which, due to its compact design and to its good volumetric efficiency in conjunction with a high oscillation frequency of the piston, has a flow rate comparable to that of a multi-plunger injection pump without the torque peaks becoming impermissibly high during actuation of the single-plunger injection pump.

IPC 1-7

**F04B 49/24**; **F02M 63/02**

IPC 8 full level

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CPC (source: EP US)

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