

Title (en)
FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
KRAFTSTOFFEINSPRITZEINRICHTUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)
DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

Publication
EP 1525390 B1 20051214 (DE)

Application
EP 03709648 A 20030225

Priority
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• DE 10233099 A 20020720

Abstract (en)
[origin: DE10233099A1] A high-pressure fuel pump has first (18) and second (118) pumping pistons (PP) that are driven by an internal combustion engine with a stroke motion and border a pumping work area (22) fed with fuel from a fuel reservoir (24). The second PP slides almost coaxially in the first PP. A second injection valve element (IVE) (128) slides inside a first IVE (28) and is impacted directly by the predominant pressure in a control pressure chamber (52).

IPC 1-7
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IPC 8 full level
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CPC (source: EP US)
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