

Title (en)

FUEL INJECTION DEVICE WITH PRESSURE AMPLIFICATION DEVICE AND PRESSURE AMPLIFICATION DEVICE

Title (de)

KRAFTSTOFFEINSPRITZEINRICHTUNG MIT DRUCKÜBERSETZUNGSEINRICHTUNG UND DRUCKÜBERSETZUNGSEINRICHTUNG

Title (fr)

SYSTEME D'INJECTION DE CARBURANT POURVU D'UN DISPOSITIF MULTIPLICATEUR DE PRESSION ET DISPOSITIF MULTIPLICATEUR DE PRESSION

Publication

**EP 1392966 B1 20050706 (DE)**

Application

**EP 02740297 A 20020427**

Priority

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Abstract (en)

[origin: WO02092998A1] A fuel injection device for internal combustion engines, comprising a fuel injector supplied by a high pressure fuel source and a pressure amplification device together with a pressure amplification device are disclosed. A moving piston in the pressure amplification device separates a chamber connected to the high pressure fuel source from a high pressure chamber connected to the injector, whereby the high pressure chamber (40) is connected to a return chamber (38) by means of a fuel line (46; 75), such that the high pressure chamber may be filled with fuel by means of the return chamber.

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IPC 8 full level

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