

Title (en)

INTERNAL COMBUSTION ENGINE FUEL INJECTING DEVICE

Title (de)

KRAFTSTOFFEINSPRITZVORRICHTUNG FÜR BRENNKRAFTMASCHINEN

Title (fr)

DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

Publication

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Application

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Priority

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Abstract (en)

[origin: FR2762648A1] The invention concerns an internal combustion engine fuel injecting device (1) connected to a circuit (2) supplying fuel under adapted pressure, said injector (1) comprising an injection nozzle (8) at the end (14) of which is arranged at least an aperture for injecting fuel (10). The invention is characterised in that said injector (1) co-operates with cyclic vibration means (6) controlled by the engine electronic control system to cause the injection nozzle (8) to vibrate, said injection nozzle (8) being adapted to eject a predetermined amount of fuel at each one of its oscillations.

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