

Title (en)

INTERNAL COMBUSTION ENGINE FUEL INJECTING DEVICE

Title (de)

KRAFTSTOFFEINSPRITZVORRICHTUNG FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: FR2816008A1] The invention concerns a fuel injecting device comprising an injection housing supplied with fuel terminated with a cylindrical nozzle (3) at the end of which is provided an injection orifice, a cyclic vibrating transducer (1) arranged inside the housing, and closure means (7), arranged at the end of the nozzle (3), and returned by elastic return means against said end, the elastic return means consisting of a rod (4) passing through, at least partly, the injection device body up to a zone where said rod (4) is integral with the transducer (1) and securing the closure means (7) to the transducer (1), and damping means (9) for the resulting integral assembly formed by the transducer (1), the rod (4) and the closure means (7), such that the closure means (7) are returned against the end of the nozzle (3).

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