

Title (en)

DEVICE FOR THE INJECTION OF FUEL INTO THE COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG ZUM EINSPRITZEN VON KRAFTSTOFF IN DEN BRENNRAUM EINER BRENNKRAFTMASCHINE

Title (fr)

DISPOSITIF POUR INJECTER DES CARBURANTS DANS LA CHAMBRE DE COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1931874 A1 20080618 (DE)

Application

EP 06774749 A 20060823

Priority

- AT 2006000349 W 20060823
- AT 16132005 A 20051003

Abstract (en)

[origin: WO2007038811A1] Disclosed is a device for injecting fuel into the combustion chamber of an internal combustion engine. Said device comprises an injector nozzle (5) and a nozzle needle (7) which is guided so as to be longitudinally movable in the injector nozzle (5) in order to alternatively unblock and block the fuel flow to injection ports (9). The nozzle needle (7) is surrounded at least in part by a nozzle antechamber (8) inside which an actuator (23) is disposed that determines a cross section of an inlet for the fuel flowing to the injection ports (9).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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