

Title (en)

Common rail diesel fuel injection system

Title (de)

Einspritzsystem für Dieselmotoren über ein Common rail

Title (fr)

Système d'injection pour du carburant diesel par l'intermédiaire d'une rampe commune d'injection

Publication

EP 2329128 A1 20110608 (DE)

Application

EP 09776724 A 20090613

Priority

- EP 2009004273 W 20090613
- DE 102008050381 A 20081002

Abstract (en)

[origin: WO2010037433A1] The invention relates to a common rail (CR) diesel fuel injection system and injectors (3) for operating small diesel engines which only require an injection pressure of up to 800 bar. Uncontrolled tappet-actuated monoblock pumps (1) are used for the CR supply, injectors (3) suitable for leakage-free direct injection are used, and the pressure in the rail (2) is controlled on the pressure side via a pressure control valve (DRV) by means of an electronic control unit (ECU).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2010037433A1

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DOCDB simple family (publication)

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