

Title (en)

Fuel injection method for a diesel engine with pilot injection.

Title (de)

Verfahren zur Brennstoffeinspritzung für einen Dieselmotor mit Voreinspritzung.

Title (fr)

Procédé d'injection de combustibles pour un moteur diesel utilisant une injection pilote.

Publication

EP 0509372 B1 19950524 (FR)

Application

EP 92105985 A 19920407

Priority

FR 9104514 A 19910412

Abstract (en)

[origin: EP0509372A1] The invention relates to a fuel injection method for a diesel type internal combustion engine, using a main gaseous fuel and a secondary liquid fuel in the form of a pilot injection intended to initialise the combustion of the main fuel, the liquid fuel being injected by an injection pump designed so as to enable the engine to reach its maximum power only by use of the liquid fuel, characterised in that the pilot injection consists of a mixture of water and of liquid fuel.

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Citation (examination)

- DE 3523687 C1 19860703 - DAIMLER BENZ AG
- Brochure "Moteur diesel à quatre temps 'Duel fuel' et leur adaption pour la propulsion des méthaniers", Association Technique Maritime et Aéronautique, Session 1964

Cited by

EP3080413A4; WO2004088109A1; US6386149B1; WO9942713A1

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