

Title (en)

Fuel injection apparatus designed to diagnose failure in injection fuel into each cylinder of diesel engine

Title (de)

Kraftstoffeinspritzvorrichtung zur Fehlerdiagnose einer Enspritzung in jedem Zylinder eines Dieselmotors

Title (fr)

Dispositif d'injection de carburant pour diagnostiquer une défaillance de l'injection dans chaque cylindre d'un moteur diesel

Publication

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Application

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Priority

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Abstract (en)

A fuel injection apparatus for diesel engines is provided which is designed to diagnose a failure in injecting fuel into each cylinder of a diesel engine by monitoring a diagnostic signal appearing on a single diagnostic signal line. The apparatus includes an injection failure diagnosing circuit which select one of cylinders of the engine that is to be diagnosed, inhibit injectors from injecting the fuel into others of the cylinders when the injectors are required to inject the fuel into the others of the cylinders, and monitor the diagnostic signal to make an injection failure diagnosis of whether a failure in injecting the fuel into the selected one of the cylinders has occurred or not.

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Citation (applicant)

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