

Title (en)

Heated injection system for exhaust gas systems of Diesel engines

Title (de)

Beheiztes Injektionssystem für Dieselmotor-Abgassysteme

Title (fr)

Système d'injection chauffé pour systèmes de gaz d'échappement de moteurs diesel

Publication

EP 2568137 B1 20150805 (DE)

Application

EP 11180569 A 20110908

Priority

EP 11180569 A 20110908

Abstract (en)

[origin: EP2568137A1] The device (21) has two reservoirs (22, 23) for storing two reducing agents, respectively at room temperature. A heating device (29) heats the two reducing agents and is designed as an electrically operated heating device i.e. glow plug. The two reducing agents are formed as a Adblue(RTM: aqueous urea solution) and hydrocarbon compound i.e. diesel fuel, respectively. An ammonia line (24) and a fuel line (25) extend from the two storage vessels, respectively and open out in a 3-way valve (26) that is connected to an injector via a reducing agent line (27). Independent claims are also included for the following: (1) an emission control system for a combustion engine for reducing nitrogen oxide emissions (2) a method for reducing nitrogen oxides in exhaust gases.

IPC 8 full level

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CPC (source: EP US)

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