

Title (en)
Engine control system for a diesel engine

Title (de)
Motorsteuerung für einen Dieselmotor

Title (fr)
Commande de moteur pour un moteur diesel

Publication
EP 1079079 B1 20040303 (DE)

Application
EP 00113356 A 20000623

Priority
DE 19939988 A 19990824

Abstract (en)
[origin: EP1079079A2] The control (23) permits operation of the diesel motor (10) in a desalination mode in which a higher temperature is produced in the storage catalyst (29) as an alternating reducing active exhaust gas and an oxidizing active exhaust gas are produced. The second salts are desorbed from the storage catalyst (29). The control has a storage catalyst (29) arranged in the exhaust gas pipe. The control permits operation of the diesel motor (10) in a storage mode in which a first salt from the exhaust gas of the diesel motor (10) having relatively lower chemical bonding energy e.g. NO_x and second salt with relatively higher chemical bonding energy e.g. SO_x are absorbed in the storage catalyst (29). The control (23) operates in a regeneration mode in which a reduced exhaust gas is produced so that at least the first salt from the storage catalyst (29) is desorbed.

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Cited by
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