

Title (en)
Control system for diesel engine

Title (de)
Motorregelsystem für einen Dieselmotor

Title (fr)
Système de régulation pour moteur Diesel

Publication
EP 1079091 A3 20030115 (DE)

Application
EP 00113354 A 20000623

Priority
DE 19939989 A 19990824

Abstract (en)
[origin: DE19939989C1] The regulation system allows the engine (10) to be operated with a weak fuel mixture or a rich fuel mixture using respective regulation characteristics for each operating mode. The setting and regulation of the engine load is effected by controlling the quantity of fuel injected via the fuel injection device (25) in the weak fuel mixture operating mode and by controlling the quantity of combustion air supplied to the engine in the rich fuel mixture operating mode.

IPC 1-7
F02D 41/38; **F02D 33/00**

IPC 8 full level
F02D 21/08 (2006.01); **F02D 33/00** (2006.01); **F02D 41/38** (2006.01)

CPC (source: EP)
F02D 21/08 (2013.01); **F02B 29/0406** (2013.01); **F02M 26/05** (2016.02); **F02M 26/21** (2016.02); **F02M 26/23** (2016.02)

Citation (search report)

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- [PA] DE 19847874 A1 20000420 - VOLKSWAGEN AG [DE]
- [A] DE 19543219 C1 19961205 - DAIMLER BENZ AG [DE]
- [A] DE 19716275 C1 19980924 - VOLKSWAGEN AG [DE]
- [A] EP 0829623 A1 19980318 - VOLKSWAGEN AG [DE]

Cited by
CN100360781C; EP1503065A3; US6981369B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19939989 C1 20001005; DE 50007446 D1 20040923; EP 1079091 A2 20010228; EP 1079091 A3 20030115; EP 1079091 B1 20040818

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