

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)  
• [DA] DE 19750226 C1 19981029 - DAIMLER BENZ AG [DE]  
• [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

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