

Title (en)

Engine management system with torque limit override means

Title (de)

Vorrichtung zur Steuerung des maximalen Drehmoments einer Brennkraftmaschine

Title (fr)

Système de commande du couple maximal d'un moteur à explosion

Publication

EP 1065364 B1 20040929 (EN)

Application

EP 99305202 A 19990701

Priority

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Abstract (en)

[origin: EP1065364A1] An engine management system (17) for regulating the quantity of fuel supplied to the cylinders of a diesel engine (11) includes steady state torque limit data (23) indicating, for different engine speeds (24), a torque limit (25) at which the engine is capable of operation for extended periods. Torque limit override means (39) is arranged to set transient torque limits (31) higher than the steady state torque limits (23) only when the engine is accelerating, whereby increased torque is available during transient operating conditions without compromising durability of the engine. <IMAGE>

IPC 1-7

F02D 41/38; **F02D 41/10**

IPC 8 full level

F02D 41/10 (2006.01); **F02D 41/38** (2006.01)

CPC (source: EP)

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Cited by

CN108340908A; FR2833041A1; EP1318287A3; EP1607608A1; FR2870888A1; US7182064B2; US10677196B2; US10202911B2; WO2004065773A1; US10549745B2

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