

Title (en)

Method for adjusting the full load injection quantity of a diesel engine

Title (de)

Verfahren zur Regelung der Vollast-einspritzmenge einer Dieselmotormaschine

Title (fr)

Méthode pour régler le quantité d'injection pour pleine charge d'un moteur diesel

Publication

**EP 0839998 A3 19991215 (DE)**

Application

**EP 97118792 A 19971029**

Priority

DE 19645389 A 19961104

Abstract (en)

[origin: EP0839998A2] The Diesel engine has a set full load injection volume when stationary, which is used when accelerating from no-load/low-load condition. In a first unsteady phase, the fuel load volume is increased from its stationary level to an excess level. In a second time-limited phase, the volume is maintained on the excess level, and reduced to the stationary level at the end of this phase. In a third phase, the full load volume, at stationary level, is supplied to the Diesel engine in the conventional manner. The phase are controlled by a computer, using internal engine calculations.

IPC 1-7

**F02D 41/38**

IPC 8 full level

**F02D 31/00** (2006.01); **F02D 41/10** (2006.01); **F02D 41/38** (2006.01)

CPC (source: EP US)

**F02D 31/009** (2013.01 - EP US); **F02D 41/10** (2013.01 - EP US); **F02D 41/38** (2013.01 - EP US)

Citation (search report)

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EP0922845A3

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19645389 C1 19980326**; BR 9705411 A 19990928; DE 59708814 D1 20030109; EP 0839998 A2 19980506; EP 0839998 A3 19991215; EP 0839998 B1 20021127; MX 9708477 A 19980830; US 5894829 A 19990420

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