

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 B1 20021127 (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.

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F02D 41/38

IPC 8 full level

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