

Title (en)

DEVICE FOR ADJUSTING THE SMOOTH RUNNING OF INTERNAL COMBUSTION ENGINES

Publication

EP 0293367 B1 19891220 (DE)

Application

EP 86905739 A 19860919

Priority

DE 3604904 A 19860217

Abstract (en)

[origin: WO8705074A1] The device proposed compensates, in the event of large-signal/rotation speed variations, for a time-lag or phase-shift arising between an actual value and a specified average value, both of which are fed to a control unit for the injection of fuel into a cylinder. If $2 \times z$ proportional-integral regulators (Pi-regulators) are used for adjusting the smooth running for a z number of cylinder, automatic synchronization is ensured. In the case of a cylinder number where z is less than 6, it is sufficient to install z proportional-integral regulators (Pi-regulators), whereby synchronization is automatically effected.

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IPC 8 full level

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