

Title (en)

DEVICE FOR CORRECTING THE REGULATION CURVE OF THE GOVERNOR OF A DIESEL ENGINE IN A MOTOR CAR

Publication

**EP 0243597 A3 19880928 (DE)**

Application

**EP 87102434 A 19870220**

Priority

DE 3613685 A 19860423

Abstract (en)

[origin: EP0243597A2] 1. A device for varying the final regulating characteristic of the regulator of an injection pump, commencing at the rated rotary speed, on a diesel internal combustion engine which drives a vehicle and as a function of vehicle-specific parameters such as for example the vehicle speed, wherein the parameters are ascertained by measuring sensors and are fed to the regulator as a correcting value signal which corresponds to the parameters, characterised in that as a further characteristic the load on the vehicle is ascertained by a measuring sensor (9) the correcting value signal of which so controls the regulator (5) that for a loaded vehicle the final regulating characteristic merges from a first minimally falling portion (I) into a second steeply falling portion (II) and in that starting from the rated rotary speed with the vehicle (2) unladen, increasing loading results in the transition zone (UB) from the first portion to the second being shifted in the direction of higher rotary speeds of the internal combustion engine.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] GB 2069187 A 19810819 - LUCAS INDUSTRIES LTD
- [Y] US 3973538 A 19760810 - WILLIAMS MALCOLM, et al
- [Y] PATENT ABSTRACTS OF JAPAN, Band 8, Nr. 244 (M-337)[1681], 9. November 1984; & JP-A-59 120 732 (ISUZU JIDOSHA K.K.) 12-07-1984
- [A] PATENT ABSTRACTS OF JAPAN, Band 7, Nr. 187 (M-236)[1332], 16. August 1983; & JP-A-58 088 426 (NIPPON DENSO K.K.)
- [A] PATENT ABSTRACTS OF JAPAN, Band 8, Nr. 166 (M-314)[1603], 2. August 1984; & JP-A-59 063 333 (ISUZU JIDOSHA K.K.) 11-04-1984
- [A] PATENT ABSTRACTS OF JAPAN, Band 5, Nr. 183 (M-97)[855], 21. November 1981; & JP-A-56 103 645 (HITACHI SEISAKUSHO K.K.) 18-08-1981
- [A] PATENT ABSTRACTS OF JAPAN, Band 3, Nr. 88, 27. Juli 1979, Seite 159 M 67; & JP-A-54 067 126 (NIPPON DENSO K.K.) 30-05-1979
- [A] PATENT ABSTRACTS OF JAPAN, Band 6, Nr. 58 (M-122)[936], 15. April 1982; & JP-A-57 000 334 (MITSUBISHI JUKOGYO K.K.) 05-01-1982

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