

Title (en)
PROCESS AND DEVICE FOR DETERMINING AN ACTUATING VARIABLE OF AN INTERNAL COMBUSTION ENGINE CONTROLLER

Title (de)
VORRICHTUNG UND VERFAHREN ZUM ERMITTELN EINER STELLGRÖSSE EINES REGLERS EINER BRENNKRAFTMASCHINE

Title (fr)
DISPOSITIF ET PROCEDE POUR DETERMINER UNE GRANDEUR DE COMMANDE D'UN REGULATEUR D'UN MOTEUR A COMBUSTION INTERNE

Publication
EP 1844226 A1 20071017 (DE)

Application
EP 06700759 A 20060104

Priority
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• DE 102005004441 A 20050131

Abstract (en)
[origin: DE102005004441B3] The reporting process involves reporting a preset air-fuel ratio (LAMSP) in the combustion chamber, depending on at least one operating value of the engine. It also reports this ratio after filtering (LAMSPFIL) through a filter, the effect of which depends on conditions in the catalytic converter. It also reports a detected air-fuel ratio (LAMAV) in the combustion chamber, depending on a measuring signal from an exhaust gas probe. It reports the setting value by means of the regulator, depending on the filtered and detected ratios in the combustion chamber.

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Citation (search report)
See references of WO 2006082116A1

Citation (examination)
BASSHUYSEN V ET AL: "Handbuch Verbrennungsmotor", 1 January 2002, HANDBUCH VERBRENNUNGSMOTOR : GRUNDLAGEN, KOMPONENTEN, SYSTEME, PERSPEKTIVEN, WIESBADEN : VIEWEG VERLAG, DE, PAGE(S) 559 - 561,568, ISBN: 978-3-528-13933-9, XP002351673

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