

Title (en)

Method for calibration of a wideband lambda probe used in internal combustion engines

Title (de)

Verfahren zur Kalibrierung einer in Verbrennungskraftmaschinen eingesetzten Breitband-Lambdasonde

Title (fr)

Procédé d'étalonnage d'une sonde lambda à large bande utilisée dans des moteurs à combustion interne

Publication

**EP 1079090 A3 20030305 (DE)**

Application

**EP 00116857 A 20000804**

Priority

DE 19939555 A 19990820

Abstract (en)

[origin: EP1079090A2] To calibrate the sensor and compensate for manufacturing tolerances a correction value is determined as follows. With the engine running with  $\lambda = 1$  a fuel mass  $m_{K1}$  and air mass flow  $m_{L1}$  are determined. Then, with  $\lambda = 1$  (lean or fat mixture) values  $m_{K2}$  and  $m_{L2}$  are measured. Based on these values the correction value for the condition  $\lambda = 1$  is derived

IPC 1-7

**F02D 41/14**; **G01N 27/417**

IPC 8 full level

**F02D 41/14** (2006.01); **F02D 41/24** (2006.01)

CPC (source: EP)

**F02D 41/1456** (2013.01); **F02D 41/1458** (2013.01); **F02D 41/2454** (2013.01); **F02D 41/2474** (2013.01); **F02D 41/2441** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1079090 A2 20010228**; **EP 1079090 A3 20030305**; **EP 1079090 B1 20060503**; AT E325266 T1 20060615; DE 19939555 A1 20010222; DE 50012679 D1 20060608

DOCDB simple family (application)

**EP 00116857 A 20000804**; AT 00116857 T 20000804; DE 19939555 A 19990820; DE 50012679 T 20000804