

Title (en)
Lambda sensor diagnosis

Title (de)
Fehlererkennungsvorrichtung einer Lambdasonde

Title (fr)
Détection de la défaillance d'une sonde lambda

Publication
EP 1437501 B1 20070307 (EN)

Application
EP 03000494 A 20030113

Priority
EP 03000494 A 20030113

Abstract (en)
[origin: EP1437501A1] The method involves measuring a time delay by a sensor (14) until rear lambdasond (17) senses the oxygen loaded or oxygen unloaded condition of a catalyst (16). Another delay is measured by the lambdasond until it senses the oxygen unloaded or loaded condition of the catalyst. The conditions and the time delays are compared and the difference is reported to an engine control unit (11) to verify the state of the lambdasond.

IPC 8 full level
F02D 41/14 (2006.01)

CPC (source: EP)
F02D 41/1441 (2013.01); **F02D 41/1495** (2013.01)

Cited by
DE102006024182B4; DE102005024872A1; DE102008046605B3; CN100464062C; DE102006024180B4; DE102006014916A1;
DE102006014916B4; DE102006047188B4; DE102006047188A1; EP1734241A1; US7499792B2; US7793489B2; WO2008040732A1;
US7997064B2; US8484946B2; US8250912B2; US8196460B2; US9261033B2

Designated contracting state (EPC)
DE GB SE

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