Title (en)
METHOD FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE

Title (de)
VERFAHREN ZUR STEUERUNG EINER BRENNKRAFTMASCHINE

Title (fr)
PROCEDE POUR COMMANDER UN MOTEUR A COMBUSTION INTERNE

Publication
EP 1309783 B1 20060517 (DE)

Application
EP 01956351 A 20010720

Priority
• DE 0102748 W 20010720
• DE 10038335 A 20000805

Abstract (en)
[origin: WO0212699A1] The invention relates to a method and to a device for controlling an internal combustion engine using a sensor for detecting a pressure value that is characteristic of the pressure of air taken in by the internal combustion engine. The operability of said sensor is monitored and in the case of a failure a substitute signal is used. For determining said substitute signal a statistic substitute value, based on values that describe the operational state of the internal combustion engine, is determined. Said statistical substitute value is filtered by means of a filter that comprises a retarding component in order to produce the substitute signal.

IPC 8 full level
F02D 41/22 (2006.01); **F02D 45/00** (2006.01); **F02D 41/14** (2006.01); **F02D 41/32** (2006.01)

CPC (source: EP KR US)
F02D 41/1402 (2013.01 - EP US); **F02D 41/222** (2013.01 - EP US); **F02D 41/32** (2013.01 - EP US); **F02D 45/00** (2013.01 - KR); F02D 2041/1432 (2013.01 - EP US); F02D 2041/1433 (2013.01 - EP US); F02D 2200/0408 (2013.01 - EP US)

Designated contracting state (EPC)
DE GB SE

DOCDB simple family (publication)
WO 0212699 A1 20020214; CN 1265082 C 20060719; CN 1386166 A 20021218; DE 10038335 A1 20020214; DE 50109824 D1 20060622; EP 1309783 A1 20030514; EP 1309783 B1 20060517; JP 2004506121 A 20040226; KR 100786027 B1 20071217; KR 20020035893 A 20020515; US 2003019480 A1 20030130; US 6688164 B2 20040210

DOCDB simple family (application)
DE 0102748 W 20010720; CN 01802311 A 20010720; DE 10038335 A 20000805; DE 50109824 T 20010720; EP 01956351 A 20010720; JP 2002517958 A 20010720; KR 20027004287 A 20020403; US 8995402 A 20020809