

Title (en)
MIXTURE ADAPTATION METHOD

Title (de)
VERFAHREN ZUR GEMISCHADAPTION

Title (fr)
PROCEDE D'ADAPTATION DU MELANGE

Publication
EP 1315892 A1 20030604 (DE)

Application
EP 01962669 A 20010823

Priority
• DE 0103227 W 20010823
• DE 10043256 A 20000902

Abstract (en)
[origin: WO0218766A1] The invention relates to a method for compensating for incorrect adaptations of the pilot control of a fuel metering for an internal combustion engine. According to the invention, a control is superimposed by a pilot control. In addition, at least one correcting quantity is derived from the behavior of the control at high temperatures of the internal combustion engine. In order to compensate for the incorrect adaptations, said correcting quantity influences the fuel metering also at low temperatures of the internal combustion engine in a manner that is complementary to the superimposed control. At low temperatures, another correcting quantity is formed, which acts upon the fuel metering, and whose action is greater at low temperatures of the internal combustion engine than at high temperatures.

IPC 1-7
F02D 41/14; **F02D 41/06**

IPC 8 full level
F02D 45/00 (2006.01); **F02D 41/06** (2006.01); **F02D 41/14** (2006.01); **F02D 41/38** (2006.01); **F02D 41/40** (2006.01)

CPC (source: EP US)
F02D 41/06 (2013.01 - EP US); **F02D 41/14** (2013.01 - EP US); **F02D 2200/0606** (2013.01 - EP US)

Citation (search report)
See references of WO 0218766A1

Designated contracting state (EPC)
DE ES FR SE

DOCDB simple family (publication)
WO 0218766 A1 20020307; DE 10043256 A1 20020314; DE 50110277 D1 20060803; EP 1315892 A1 20030604; EP 1315892 B1 20060621; ES 2266239 T3 20070301; JP 2004507655 A 20040311; JP 4773675 B2 20110914; US 2004035405 A1 20040226; US 6883510 B2 20050426

DOCDB simple family (application)
DE 0103227 W 20010823; DE 10043256 A 20000902; DE 50110277 T 20010823; EP 01962669 A 20010823; ES 01962669 T 20010823; JP 2002522659 A 20010823; US 36312203 A 20030922