

Title (en)
METHOD FOR MONITORING AN INJECTION SYSTEM

Title (de)
VERFAHREN ZUM ÜBERWACHEN EINES EINSPRITZSYSTEMS

Title (fr)
PROCEDE DE SURVEILLANCE D'UN SYSTEME D'INJECTION

Publication
EP 1019625 B1 20010718 (DE)

Application
EP 98958164 A 19980923

Priority
• DE 9802841 W 19980923
• DE 19742991 A 19970929

Abstract (en)
[origin: WO9917010A1] A structure-borne signal from an internal combustion engine is used to calculate energy conversion during a combustion process according to a theoretical model and to derive the supplied amount of fuel therefrom. If the calculated amount of fuel deviates from the specified amount of fuel, a malfunction of the injection system is detected.

IPC 1-7
F02D 41/22; F02D 41/14; F02D 41/38

IPC 8 full level
F02D 41/14 (2006.01); **F02D 41/22** (2006.01); **F02D 41/38** (2006.01); **F02D 41/40** (2006.01)

CPC (source: EP US)
F02D 41/1497 (2013.01 - EP US); **F02D 41/22** (2013.01 - EP US); **F02D 41/38** (2013.01 - EP US); **F02D 41/403** (2013.01 - EP US); **F02D 2200/025** (2013.01 - EP US); **F02D 2250/14** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 9917010 A1 19990408; DE 59801054 D1 20010823; EP 1019625 A1 20000719; EP 1019625 B1 20010718; US 6390068 B1 20020521

DOCDB simple family (application)
DE 9802841 W 19980923; DE 59801054 T 19980923; EP 98958164 A 19980923; US 50945700 A 20000807