

Title (en)

METHOD AND DEVICE FOR MONITORING AN INTERNAL COMBUSTION ENGINE INJECTION DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG EINER EINSPRITZVORRICHTUNG EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF POUR SURVEILLER UN DISPOSITIF D'INJECTION D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1856394 A1 20071121 (DE)

Application

EP 06708324 A 20060216

Priority

- EP 2006060032 W 20060216
- DE 102005008180 A 20050223

Abstract (en)

[origin: DE102005008180A1] The method involves identification of at least two misoperation of injection device (5) by evaluating the signal of fault detection. An error response is initiated depending on the identified misoperation. Existence of misoperation of injection device is checked by evaluation of the fuel pressure. Independent claims are included for the following: (A) Monitoring device of injection device; and (B) Computer program product with computer code.

IPC 8 full level

F02D 41/22 (2006.01)

CPC (source: EP US)

F02D 41/221 (2013.01 - EP US); **F02D 41/3809** (2013.01 - EP US); **F02D 2041/224** (2013.01 - EP US); **F02D 2041/225** (2013.01 - EP US); **F02D 2200/1015** (2013.01 - EP US)

Citation (search report)

See references of WO 2006089858A1

Designated contracting state (EPC)

DE ES FR

DOCDB simple family (publication)

DE 102005008180 A1 20060831; CN 101128665 A 20080220; CN 101128665 B 20100519; DE 502006005579 D1 20100121; EP 1856394 A1 20071121; EP 1856394 B1 20091209; ES 2336698 T3 20100415; JP 2008531911 A 20080814; US 2008249699 A1 20081009; US 7779678 B2 20100824; WO 2006089858 A1 20060831

DOCDB simple family (application)

DE 102005008180 A 20050223; CN 200680005770 A 20060216; DE 502006005579 T 20060216; EP 06708324 A 20060216; EP 2006060032 W 20060216; ES 06708324 T 20060216; JP 2007556590 A 20060216; US 59322406 A 20060216