

Title (en)

INTERNAL COMBUSTION ENGINE MISFIRE DETECTION METHOD

Title (de)

VERFAHREN ZUM ERKENNEN VON VERBRENNUNGS AUSSETZERN IN EINEM VERBRENNUNGSMOTOR

Title (fr)

PROCEDE DE DETECTION DES RATES DE COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 0916080 A1 19990519 (FR)

Application

EP 97936729 A 19970801

Priority

- FR 9701441 W 19970801
- FR 9609780 A 19960802

Abstract (en)

[origin: FR2752018A1] A method for detecting a misfire in at least one truck or motor vehicle internal combustion engine cylinder by analysing the values (Cg, n, i) of a quantity (Cg) characteristic of combustion and generated by observing the rotation of the crankshaft to detect the occurrence of a misfire. According to the method, misfire detection is suspended for a predetermined time when the analysis of said values (Cg, n, i) reveals anomalies originating in the transmission power line between the drive shaft and the vehicle wheels.

IPC 1-7

G01M 15/00

IPC 8 full level

G01M 15/11 (2006.01)

CPC (source: EP US)

G01M 15/11 (2013.01 - EP US)

Citation (search report)

See references of WO 9805936A1

Designated contracting state (EPC)

DE ES GB IT SE

DOCDB simple family (publication)

FR 2752018 A1 19980206; FR 2752018 B1 19980904; EP 0916080 A1 19990519; US 2001037792 A1 20011108; US 6334357 B2 20020101; WO 9805936 A1 19980212

DOCDB simple family (application)

FR 9609780 A 19960802; EP 97936729 A 19970801; FR 9701441 W 19970801; US 14761499 A 19990809