

Title (en)

METHOD FOR INTERRUPTING THE INJECTION OF FUEL TO AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR UNTERBRECHUNG DER KRAFTSTOFFEINSPRITZUNG IN EINE BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE COUPURE DE L'INJECTION DE CARBURANT DANS UN MOTEUR A COMBUSTION INTERNE

Publication

EP 3207238 A1 20170823 (FR)

Application

EP 15788456 A 20150914

Priority

- FR 1459778 A 20141013
- FR 2015052442 W 20150914

Abstract (en)

[origin: WO2016059311A1] The invention relates to a method for interrupting the injection of fuel to an internal combustion engine in a vehicle during the deceleration phase, which comprises: a step of detecting a request to decelerate the vehicle, and a step of determining a corrective torque (Ccor) intended for attenuating engine speed oscillations during the deceleration, characterised in that it comprises: a step of detecting the first maximum corrective torque and, following the detection of said first maximum corrective torque, a step of requesting the interruption of the injection when the corrective torque (Ccor) reaches a value proportional to the first maximum corrective torque.

IPC 8 full level

F02D 41/12 (2006.01); **F02D 11/10** (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP)

F02D 41/123 (2013.01); **F02D 41/1497** (2013.01); **F02D 11/105** (2013.01); **F02D 2200/602** (2013.01); **F02D 2250/21** (2013.01); **F02D 2250/28** (2013.01)

Citation (search report)

See references of WO 2016059311A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3027064 A1 20160415; **FR 3027064 B1 20180112**; CN 106795825 A 20170531; CN 106795825 B 20200331; EP 3207238 A1 20170823; EP 3207238 B1 20200401; WO 2016059311 A1 20160421

DOCDB simple family (application)

FR 1459778 A 20141013; CN 201580055269 A 20150914; EP 15788456 A 20150914; FR 2015052442 W 20150914