

Title (en)
METHOD TO OPERATE A COMBUSTION ENGINE

Title (de)
VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE

Title (fr)
PROCÉDÉ POUR FAIRE FONCTIONNER UN MOTEUR À COMBUSTION INTERNE

Publication
EP 3176414 A1 20170607 (EN)

Application
EP 15197693 A 20151203

Priority
EP 15197693 A 20151203

Abstract (en)
It is proposed a method to operate a combustion engine of a motor vehicle. It is determined a pressure (S_43) inside a combustion chamber of the combustion engine. An exhaust pollutant emission of the combustion engine is limited in dependence on the pressure (S_43).

IPC 8 full level
F02D 35/02 (2006.01); **F02D 41/14** (2006.01); **F02D 37/02** (2006.01); **F02D 41/00** (2006.01); **F02D 41/40** (2006.01)

CPC (source: EP)
F02D 35/023 (2013.01); **F02D 41/1461** (2013.01); **F02D 41/1467** (2013.01); **F02D 37/02** (2013.01); **F02D 41/005** (2013.01); **F02D 41/40** (2013.01)

Citation (applicant)
EP 1398483 A2 20040317 - BOSCH GMBH ROBERT [DE]

Citation (search report)
• [X] JP S5813137 A 19830125 - MORITA YOSHIYUKI
• [X] US 6425372 B1 20020730 - HILTNER JOEL D [US]
• [X] DE 102008057494 A1 20090702 - DAIMLER AG [DE]
• [X] US 2010126481 A1 20100527 - WILLI MARTIN L [US], et al
• [X] FR 2945320 A1 20101112 - RENAULT SAS [FR]
• [X] EP 1416143 A1 20040506 - ST MICROELECTRONICS SRL [IT]
• [X] EP 1712763 A1 20061018 - DAIMLER CHRYSLER AG [DE]
• [X] CHRISTOPHE BARRO ET AL: "Entwicklung eines virtuellen Russensors für Dieselmotoren", MTZ MOTORTECHNISCHE ZEITSCHRIFT, VIEWEG VERLAG, WIESBADEN, DE, vol. 75, no. 6, 1 June 2014 (2014-06-01), pages 60 - 67, XP001590997, ISSN: 0024-8525, DOI: 10.1007/S35146-014-0368-7

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

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