

Title (en)

MULTI-FUEL SYSTEM FOR INTERNAL COMBUSTION ENGINES

Title (de)

MULTITREIBSTOFFSYSTEM FÜR VERBRENNUNGSMOTOREN

Title (fr)

SYSTÈME MULTICARBURANT POUR DES MOTEURS À COMBUSTION INTERNE

Publication

**EP 3420211 A1 20190102 (EN)**

Application

**EP 16891870 A 20160830**

Priority

- US 201615052203 A 20160224
- US 2016049373 W 20160830

Abstract (en)

[origin: WO2017146771A1] In a multi-fuel system for diesel engines, natural gas is mixed with diesel fuel and conditioned in a mixing chamber before being injected into the mixing chamber of the engine. Filtered blow-by gas may also be introduced into the combustion chamber. A computerized controller is used to determine and control the proportion of diesel fuel, natural gas fuel, the mixing and conditioning of these fuels, and the supply of filtered blow-by gas.

IPC 8 full level

**F02D 19/08** (2006.01); **F02D 19/06** (2006.01); **F02D 19/10** (2006.01)

CPC (source: EP KR)

**F01M 13/0011** (2013.01 - EP KR); **F01M 13/04** (2013.01 - EP KR); **F02D 19/0628** (2013.01 - EP KR); **F02D 19/0647** (2013.01 - EP KR); **F02D 19/0694** (2013.01 - EP KR); **F02D 19/081** (2013.01 - EP KR); **F02D 41/0025** (2013.01 - EP); **F02D 41/0027** (2013.01 - EP KR); **F02M 25/06** (2013.01 - EP KR); **F01M 2013/0022** (2013.01 - EP KR); **F01M 2013/0433** (2013.01 - EP); **F01M 2013/0461** (2013.01 - EP KR); **F02D 2250/08** (2013.01 - EP KR); **Y02T 10/30** (2013.01 - EP)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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