

Title (en)

Method and apparatus for activating a diesel particulate filter with engine heat

Title (de)

Verfahren und Vorrichtung zur Aktivierung eines Dieselpartikelfilters mit Motorwärme

Title (fr)

Procédé et appareil d'activation d'un filtre à particules diesel avec échangeur thermique

Publication

**EP 1961939 A1 20080827 (EN)**

Application

**EP 08250370 A 20080131**

Priority

US 67736307 A 20070221

Abstract (en)

An apparatus, including a diesel particulate filter, at least one sensor for sensing information associated with operation of an engine, an engine brake configured to brake the engine, and a controller electrically coupled to the at least one sensor and the engine brake, to determine if the engine is operating in a manner that does not generate enough engine heat to activate the diesel particulate filter, and if the engine is so operating, operate the engine brake so as to brake the engine to cause the engine to generate enough engine heat to activate the diesel particulate filter. An associated method is disclosed.

IPC 8 full level

**F02D 13/04** (2006.01); **F02D 41/00** (2006.01); **F02D 41/02** (2006.01)

CPC (source: EP US)

**F02D 13/04** (2013.01 - EP US); **F02D 41/0087** (2013.01 - EP US); **F02D 41/029** (2013.01 - EP US); **F02B 3/06** (2013.01 - EP US)

Citation (applicant)

- EP 1174612 A1 20020123 - RENAULT [FR]
- DE 10348107 A1 20050519 - BAYERISCHE MOTOREN WERKE AG [DE]

Citation (search report)

- [Y] EP 1174612 A1 20020123 - RENAULT [FR]
- [Y] DE 10348107 A1 20050519 - BAYERISCHE MOTOREN WERKE AG [DE]
- [A] WO 03095808 A1 20031120 - VOLVO LASTVAGNAR AB [SE], et al

Cited by

CN115003901A; WO2021154393A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 1961939 A1 20080827**; US 2008196388 A1 20080821

DOCDB simple family (application)

**EP 08250370 A 20080131**; US 67736307 A 20070221