

Title (en)
LUBRICANT COMPOSITION COMPRISING A COLLOIDAL DISPERSION OF IRON AND ITS USE IN AN ENGINE FOR THE TREATMENT OF EXHAUST GASES

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG, ENTHALTEND EINE KOLLOIDALE DISPERSION VON EISEN, UND DEREN VERWENDUNG IN EINEM MOTOR ZUR BEHANDLUNG VON ABGASEN

Title (fr)
COMPOSITION LUBRIFIANTE COMPRENANT UNE DISPERSION COLLOÏDALE DE FER ET SON UTILISATION DANS UN MOTEUR POUR LE TRAITEMENT DES GAZ D'ECHAPPEMENT

Publication
EP 1981956 A1 20081022 (FR)

Application
EP 07703989 A 20070118

Priority
• EP 2007050494 W 20070118
• FR 0600840 A 20060130

Abstract (en)
[origin: WO2007085562A1] The invention relates to a lubricant composition which is characterized in that it comprises a blend of a lubricating oil and colloidal dispersion which comprises particles of at least one iron compound and an amphiphilic agent. The invention also relates to a method of operating an engine, more particularly a diesel engine, which is equipped with an exhaust system fitted with a particle filter, wherein the particles present in the exhaust gases are trapped on the said filter and, periodically, the trapped particles are burnt, characterized in that the composition above is used as the engine lubricant composition with a view to catalysing the combustion of the said particles.

IPC 8 full level
C10M 169/04 (2006.01); **F01N 3/023** (2006.01); **C10N 10/16** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)
C10M 169/04 (2013.01 - EP US); **F01N 3/029** (2013.01 - EP US); **F01N 3/035** (2013.01 - EP US); **C10M 2201/06** (2013.01 - EP US); **C10M 2201/062** (2013.01 - US); **C10M 2207/125** (2013.01 - EP US); **C10M 2207/127** (2013.01 - US); **C10M 2207/18** (2013.01 - US); **C10M 2219/044** (2013.01 - EP US); **C10M 2223/04** (2013.01 - EP US); **C10N 2010/14** (2013.01 - EP US); **C10N 2010/16** (2013.01 - EP US); **C10N 2020/06** (2013.01 - US); **C10N 2030/50** (2020.05 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2050/01** (2020.05 - EP US)

Citation (search report)
See references of WO 2007085562A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007085562 A1 20070802; CN 101374933 A 20090225; EP 1981956 A1 20081022; FR 2896806 A1 20070803; FR 2896806 B1 20080314; US 2009156439 A1 20090618

DOCDB simple family (application)
EP 2007050494 W 20070118; CN 200780003952 A 20070118; EP 07703989 A 20070118; FR 0600840 A 20060130; US 16259007 A 20070118