

Title (en)
USE FOR REDUCING LOW SPEED PRE-IGNITION

Title (de)
VERWENDUNG ZUR VERMINDERUNG VON VORZÜNDUNG MIT NIEDRIGER GESCHWINDIGKEIT

Title (fr)
UTILISATION POUR LE RÉDUCTION DU PRÉ-ALLUMAGE À FAIBLE VITESSE

Publication
EP 3227414 B1 20180912 (EN)

Application
EP 15804722 A 20151130

Priority
• US 201462086286 P 20141202
• EP 2015078076 W 20151130

Abstract (en)
[origin: WO2016087379A1] Use of Fischer-Tropsch derived base oil in a lubricating composition for reducing the occurrence of Low Speed Pre-Ignition (LSPI) in an internal combustion engine.

IPC 8 full level
C10M 107/02 (2006.01); **C10N 20/02** (2006.01); **C10N 40/25** (2006.01)

CPC (source: CN EP RU)
C10M 107/02 (2013.01 - CN EP RU); **C10M 169/06** (2013.01 - RU); **C10M 171/02** (2013.01 - CN); **C10M 2205/173** (2013.01 - CN EP); **C10N 2020/02** (2013.01 - CN EP); **C10N 2030/76** (2020.05 - CN EP); **C10N 2040/255** (2020.05 - CN EP)

Designated contracting state (EPC)
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WO 2016087379 A1 20160609; BR 112017011744 A2 20171226; BR 112017011744 B1 20210518; CN 107001978 A 20170801; CN 107001978 B 20220719; EP 3227414 A1 20171011; EP 3227414 B1 20180912; JP 2018501347 A 20180118; JP 6694432 B2 20200513; RU 2017123210 A 20190109; RU 2017123210 A3 20190522; RU 2703731 C2 20191022

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EP 2015078076 W 20151130; BR 112017011744 A 20151130; CN 201580063988 A 20151130; EP 15804722 A 20151130; JP 2017529812 A 20151130; RU 2017123210 A 20151130