

Title (en)

METHOD FOR REDUCING LOW SPEED PRE-IGNITION

Title (de)

VERFAHREN ZUR VERMINDERUNG VON VORZÜNDUNG MIT NIEDRIGER GESCHWINDIGKEIT

Title (fr)

PROCÉDÉ DE RÉDUCTION DU PRÉ-ALLUMAGE À FAIBLE VITESSE

Publication

**EP 3947608 A1 20220209 (EN)**

Application

**EP 20715818 A 20200327**

Priority

- US 201962827535 P 20190401
- EP 2020058745 W 20200327

Abstract (en)

[origin: WO2020201104A1] Use of a gasoline fuel composition for reducing the occurrence of Low Speed Pre-Ignition (LSPI) in a spark-ignition internal combustion engine, wherein the gasoline fuel composition comprises a gasoline base fuel and has a PM Index of 1.4 or less.

IPC 8 full level

**C10L 1/06** (2006.01); **C10L 1/16** (2006.01)

CPC (source: EP US)

**C10L 1/06** (2013.01 - EP US); **C10M 135/18** (2013.01 - US); **C10M 169/04** (2013.01 - US); **C10M 171/00** (2013.01 - EP); **C10L 2200/0423** (2013.01 - EP US); **C10L 2270/023** (2013.01 - EP US); **C10M 2203/003** (2013.01 - US); **C10M 2219/068** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP); **C10N 2030/02** (2013.01 - EP); **C10N 2030/06** (2013.01 - US); **C10N 2030/42** (2020.05 - EP); **C10N 2030/43** (2020.05 - EP); **C10N 2040/255** (2020.05 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

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**EP 2020058745 W 20200327**; CN 202080026383 A 20200327; EP 20715818 A 20200327; JP 2021558914 A 20200327; US 202017441784 A 20200327