Title (en)

LUBRICATING OIL COMPOSITION FOR INTERNAL-COMBUSTION ENGINE, AND METHOD FOR REDUCING FRICTION IN GASOLINE ENGINE

Title (de)

SCHMIERÖLZUSAMMENSETZUNG FÜR VERBRENNUNGSMOTOR UND VERFAHREN ZUR REIBUNGSVERMINDERUNG IN EINEM BENZINMOTOR

Title (fr)

COMPOSITION D'HUILE LUBRIFIANTE POUR MOTEUR À COMBUSTION INTERNE ET PROCÉDÉ POUR RÉDUIRE LE FROTTEMENT DANS UN MOTEUR À ESSENCE

Publication

EP 3275979 A4 20180808 (EN)

Application

EP 16768443 A 20160309

Priority

- JP 2015059666 A 20150323
- JP 2016057465 W 20160309

Abstract (en)

[origin: EP3275979A1] Provided is a lubricating oil composition for internal combustion engines capable of exhibit a sufficient friction-reducing effect from a low-temperature range assuming engine starting to a practical temperature range of 80°C or higher. The lubricating oil composition for internal combustion engines contains a surfactant having an alkylene oxide as the constituent unit and having an HLB value of 7 or more and less than 15, and a lubricant base oil.

IPC 8 full level

C10M 169/04 (2006.01); **C10M 101/02** (2006.01); **C10M 107/02** (2006.01); **C10M 133/04** (2006.01); **C10M 133/08** (2006.01); **C10M 139/00** (2006.01); **C10M 141/12** (2006.01); **C10M 145/14** (2006.01); **C10M 145/38** (2006.01); C10N 20/00 (2006.01); C10N 20/02 (2006.01); C10N 20/04 (2006.01); C10N 30/06 (2006.01); C10N 40/25 (2006.01)

CPC (source: EP US)

C10M 133/08 (2013.01 - EP US); **C10M 133/54** (2013.01 - US); **C10M 139/00** (2013.01 - US); **C10M 141/12** (2013.01 - EP US); **C10M 145/14** (2013.01 - US); **C10M 145/38** (2013.01 - EP US); **C10M 169/044** (2013.01 - US); C10M 2203/1025 (2013.01 - EP US); C10M 2207/026 (2013.01 - EP US); C10M 2207/262 (2013.01 - EP US); C10M 2209/084 (2013.01 - EP US); C10M 2209/109 (2013.01 - EP US); C10M 2215/042 (2013.01 - EP US); C10M 2215/086 (2013.01 - EP US); C10M 2215/28 (2013.01 - EP US); C10M 2223/045 (2013.01 - EP US); C10N 2010/04 (2013.01 - EP US); C10N 2020/04 (2013.01 - EP US); C10N 2030/02 (2013.01 - EP US); C10N 2030/04 (2013.01 - EP US); C10N 2030/06 (2013.01 - EP US); C10N 2030/45 (2020.05 - US); C10N 2030/54 (2020.05 - EP US); C10N 2040/255 (2020.05 - EP US); C10N 2060/14 (2013.01 - EP US)

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DOCDB simple family (application)

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