

Title (en)

LUBRICANTING COMPOSITION FOR A MARINE ENGINE OR A STATIONARY ENGINE

Title (de)

SCHMIERSTOFFZUSAMMENSETZUNG FÜR EINEN SCHIFFSMOTOR ODER EINEN STATIONÄREN MOTOR

Title (fr)

COMPOSITION LUBRIFIANTE POUR MOTEUR MARIN OU MOTEUR STATIONNAIRE

Publication

EP 3523407 B1 20211201 (FR)

Application

EP 17780738 A 20171006

Priority

- FR 1659706 A 20161007
- EP 2017075551 W 20171006

Abstract (en)

[origin: WO2018065606A1] The present invention relates to a lubricating composition comprising: - at least one base oil; - at least one olefin copolymer; - at least one detergent; and - at least one linear hydrogenated styrene/butadiene copolymer. The invention also relates to the use of said composition for reducing fuel consumption in an engine and for enhancing the cleanliness of a 4-stroke or 2-stroke, preferably 4-stroke, marine engine or of a stationary engine.

IPC 8 full level

C10M 169/04 (2006.01)

CPC (source: EP KR US)

C10M 129/28 (2013.01 - US); **C10M 129/48** (2013.01 - US); **C10M 137/10** (2013.01 - US); **C10M 141/10** (2013.01 - US); **C10M 143/00** (2013.01 - EP KR); **C10M 143/04** (2013.01 - US); **C10M 143/12** (2013.01 - US); **C10M 143/14** (2013.01 - EP KR); **C10M 161/00** (2013.01 - US); **C10M 169/04** (2013.01 - EP KR); **C10M 169/044** (2013.01 - US); **C10M 2203/003** (2013.01 - US); **C10M 2203/1006** (2013.01 - EP KR); **C10M 2203/1025** (2013.01 - EP KR); **C10M 2205/024** (2013.01 - US); **C10M 2205/06** (2013.01 - US); **C10M 2207/028** (2013.01 - EP KR); **C10M 2207/12** (2013.01 - US); **C10M 2207/14** (2013.01 - US); **C10M 2219/046** (2013.01 - EP KR); **C10M 2223/045** (2013.01 - US); **C10N 2020/04** (2013.01 - EP KR); **C10N 2020/069** (2020.05 - US); **C10N 2030/02** (2013.01 - EP KR); **C10N 2030/04** (2013.01 - EP KR US); **C10N 2030/06** (2013.01 - US); **C10N 2030/08** (2013.01 - EP KR); **C10N 2030/18** (2013.01 - US); **C10N 2030/54** (2020.05 - EP KR US); **C10N 2030/68** (2020.05 - EP KR); **C10N 2040/25** (2013.01 - EP KR); **C10N 2040/26** (2013.01 - US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2018065606 A1 20180412; AR 109896 A1 20190206; BR 112019006244 A2 20190618; CN 109804053 A 20190524; EP 3523407 A1 20190814; EP 3523407 B1 20211201; FR 3057273 A1 20180413; FR 3057273 B1 20200221; JP 2019530783 A 20191024; JP 7041131 B2 20220323; KR 102489074 B1 20230116; KR 20190055817 A 20190523; RU 2019110090 A 20201005; TW 201823440 A 20180701; US 11572526 B2 20230207; US 2020040276 A1 20200206

DOCDB simple family (application)

EP 2017075551 W 20171006; AR P170102800 A 20171006; BR 112019006244 A 20171006; CN 201780062042 A 20171006; EP 17780738 A 20171006; FR 1659706 A 20161007; JP 2019518388 A 20171006; KR 20197009474 A 20171006; RU 2019110090 A 20171006; TW 106134504 A 20171006; US 201716339865 A 20171006