

Title (en)
Lubricating composition

Title (de)
Composition de lubrification

Title (fr)
Schmiermittelzusammensetzung

Publication
EP 2194114 A2 20100609 (EN)

Application
EP 10157050 A 20100319

Priority
EP 10157050 A 20100319

Abstract (en)
The present invention provides a lubricating composition comprising a base oil selected from the group consisting of a Fischer-Tropsch derived base oil and a poly-alpha olefin (PAO) base oil or a combination thereof, wherein the composition has a TBN (Total Base Number) value of from 3.5 to 70 mg KOH/g as determined according to ASTM D 2896, and wherein the composition has a soap content of from 15 to 30 mM.

IPC 8 full level
C10M 169/04 (2006.01); **C10M 171/00** (2006.01)

CPC (source: EP)
C10M 169/042 (2013.01); **C10M 169/045** (2013.01); **C10M 171/00** (2013.01); **C10M 2203/1025** (2013.01); **C10M 2205/0285** (2013.01); **C10M 2205/173** (2013.01); **C10M 2207/262** (2013.01); **C10M 2215/064** (2013.01); **C10M 2215/065** (2013.01); **C10M 2215/082** (2013.01); **C10M 2215/28** (2013.01); **C10M 2223/045** (2013.01); **C10M 2227/062** (2013.01); **C10N 2030/04** (2013.01); **C10N 2030/42** (2020.05); **C10N 2030/43** (2020.05); **C10N 2030/45** (2020.05); **C10N 2040/25** (2013.01); **C10N 2060/14** (2013.01)

Citation (applicant)
• EP 2159275 A2 20100303 - SHELL INT RESEARCH [NL]
• EP 0776959 A2 19970604 - SHELL INT RESEARCH [NL]
• EP 0668342 A1 19950823 - SHELL INT RESEARCH [NL]
• WO 9721788 A1 19970619 - EXXON RESEARCH ENGINEERING CO [US]
• WO 0015736 A2 20000323 - EXXON RESEARCH ENGINEERING CO [US]
• WO 0014188 A2 20000316 - EXXON RESEARCH ENGINEERING CO [US]
• WO 0014187 A2 20000316 - EXXON RESEARCH ENGINEERING CO [US]
• WO 0014183 A1 20000316 - EXXON RESEARCH ENGINEERING CO [US]
• WO 0014179 A1 20000316 - EXXON RESEARCH ENGINEERING CO [US]
• WO 0008115 A1 20000217 - EXXON RESEARCH ENGINEERING CO [US]
• WO 9941332 A1 19990819 - EXXON RESEARCH ENGINEERING CO [US]
• EP 1029029 A1 20000823 - MOBIL OIL CORP [US]
• WO 0118156 A1 20010315 - TOTAL RAFFINAGE DISTRIBUTION [FR], et al
• WO 0157166 A1 20010809 - MOBIL OIL CORP [US]
• WO 02070631 A2 20020912 - SHELL INT RESEARCH [NL], et al
• US 2005172543 A1 20050811 - MUIR RONALD J [CA]
• WO 2007128740 A1 20071115 - SHELL INT RESEARCH [NL], et al
• D.J. WEDLOCK ET AL.: "Gas-to-Liquids Base Oils to assist in meeting OEM requirements 2010 and beyond", 2ND ASIA-PACIFIC BASE OIL CONFERENCE, October 2007 (2007-10-01), pages 23 - 25
• "Appendix E", April 2002, API PUBLICATION 1509
• "Kirk-Othmer Encyclopedia of Chemical Technology", vol. 14, pages: 477 - 526

Cited by
WO2013093103A1; US10738262B2; WO2021076733A1; WO2023104743A1; EP2494014B1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2194114 A2 20100609; EP 2194114 A3 20101027; JP 2011195837 A 20111006

DOCDB simple family (application)
EP 10157050 A 20100319; JP 2011057460 A 20110316