

Title (en)
MARINE LUBRICANT

Title (de)
SCHMIERMITTEL FÜR SCHIFFE

Title (fr)
LUBRIFIANT MARIN

Publication
EP 2271731 A2 20110112 (FR)

Application
EP 09731363 A 20090319

Priority
• FR 2009000287 W 20090319
• FR 0801532 A 20080320

Abstract (en)
[origin: WO2009125083A2] The present invention relates to a cylinder lubricant having a BN, determined according to the ASTM D-2896 standard, of greater than or equal to 40 milligrams of potassium hydroxide per gram of lubricant, comprising a lubricant base oil for a marine engine and at least one overbased detergent that is based on alkali or alkaline-earth metals, and which also contains an amount of 0.01% to 10% by weight relative to the total weight of the lubricant, of one or more compounds (A) chosen from esters of saturated fatty monoacids comprising at least 14 carbon atoms and of alcohols comprising at most 6 carbon atoms.

IPC 8 full level
C10M 129/70 (2006.01); **C10M 163/00** (2006.01); **C10N 10/02** (2006.01); **C10N 10/04** (2006.01); **C10N 30/04** (2006.01); **C10N 30/12** (2006.01); **C10N 40/26** (2006.01)

CPC (source: EP KR US)
C10M 129/70 (2013.01 - EP KR US); **C10M 163/00** (2013.01 - EP KR US); **C10M 2207/028** (2013.01 - EP US); **C10M 2207/26** (2013.01 - EP US); **C10M 2207/262** (2013.01 - EP US); **C10M 2207/281** (2013.01 - EP US); **C10M 2207/283** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2020/065** (2020.05 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/26** (2013.01 - US)

Citation (search report)
See references of WO 2009125083A2

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
FR 2928934 A1 20090925; **FR 2928934 B1 20110805**; BR PI0911796 A2 20190326; BR PI0911796 B1 20191224; CN 102015981 A 20110413; EP 2271731 A2 20110112; EP 2271731 B1 20190605; ES 2744189 T3 20200224; JP 2011515529 A 20110519; JP 5522803 B2 20140618; KR 101668782 B1 20161024; KR 20100124782 A 20101129; RU 2010138338 A 20120427; RU 2496859 C2 20131027; US 2011077177 A1 20110331; US 9493722 B2 20161115; WO 2009125083 A2 20091015; WO 2009125083 A3 20091203

DOCDB simple family (application)
FR 0801532 A 20080320; BR PI0911796 A 20090319; CN 200980113896 A 20090319; EP 09731363 A 20090319; ES 09731363 T 20090319; FR 2009000287 W 20090319; JP 2011500254 A 20090319; KR 20107021129 A 20090319; RU 2010138338 A 20090319; US 93317809 A 20090319