

Title (en)
LUBRICANT OIL COMPOSITION FOR ROTARY COMPRESSOR

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG FÜR ROTATIONSVERDICHTER

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE POUR COMPRESSEUR ROTATIF

Publication
EP 2937410 A4 20160706 (EN)

Application
EP 13864381 A 20131218

Priority

- JP 2012276903 A 20121219
- JP 2013083956 W 20131218

Abstract (en)
[origin: EP2937410A1] A lubricating oil composition for a rotary compressor capable of imparting high extreme pressure property while maintaining high oxidation stability is provided by mixing, in (a) a base oil, (b) an antioxidant and (c) a dithiophosphate ester compound represented by the formula (I) in an amount of 0.05% by mass or more and less than 2.0% by mass based on the total composition.

IPC 8 full level
C10M 169/04 (2006.01); **C10M 101/02** (2006.01); **C10M 129/10** (2006.01); **C10M 133/12** (2006.01); **C10M 137/02** (2006.01); **C10M 137/10** (2006.01); **C10N 30/06** (2006.01); **C10N 30/10** (2006.01); **C10N 40/30** (2006.01)

CPC (source: EP US)
C10M 141/10 (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP 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 2215/064** (2013.01 - EP US); **C10M 2215/065** (2013.01 - EP US); **C10M 2215/223** (2013.01 - EP US); **C10M 2219/085** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10M 2223/047** (2013.01 - EP US); **C10M 2223/06** (2013.01 - EP US); **C10M 2229/02** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2040/30** (2013.01 - EP US)

Citation (search report)

- [XY] WO 02053687 A2 20020711 - SHELL INT RESEARCH [NL], et al
- [IY] WO 2008009704 A1 20080124 - SHELL INT RESEARCH [NL], et al
- See references of WO 2014098152A1

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)
EP 2937410 A1 20151028; EP 2937410 A4 20160706; CN 104837971 A 20150812; JP 2014118534 A 20140630; JP 6088238 B2 20170301; KR 20150096397 A 20150824; US 2015337231 A1 20151126; WO 2014098152 A1 20140626

DOCDB simple family (application)
EP 13864381 A 20131218; CN 201380066133 A 20131218; JP 2012276903 A 20121219; JP 2013083956 W 20131218; KR 20157015249 A 20131218; US 201314650922 A 20131218