

Title (en)
Lubricating oil composition

Title (de)
Schmierölszusammensetzung

Title (fr)
Composition d'huile lubrifiante

Publication
EP 2428550 B1 20200506 (EN)

Application
EP 11180359 A 20110907

Priority
JP 2010201230 A 20100908

Abstract (en)
[origin: EP2428550A1] A lubricating oil composition having a low sulfated ash content, a low P content, a low S content and a low Cl content and being favorably employable for lubricating a diesel engine operated using a hydrocarbon fuel oil having a low S content, comprising the following components a) to d) dissolved or dispersed in a base oil having a low S content: a) an ashless dispersant such as alkenyl- or alkylsuccinimide or its derivative, b) a calcium alkylsalicylate detergent having a low S content and an organic acid calcium salt, which is an unsulfurized calcium alkylsalicylate detergent having a C 14 -C 18 alkyl group, c) a zinc phosphate anti-wear agent, and d) an oxidation inhibitor.

IPC 8 full level
C10M 163/00 (2006.01); **C10N 30/04** (2006.01); **C10N 30/08** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR US)
C10M 141/12 (2013.01 - KR); **C10M 163/00** (2013.01 - EP US); **C10M 169/04** (2013.01 - KR); **C10M 169/048** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2205/022** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/262** (2013.01 - EP US); **C10M 2207/283** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2223/042** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10M 2227/09** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/08** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/41** (2020.05 - EP US); **C10N 2030/42** (2020.05 - EP US); **C10N 2030/43** (2020.05 - EP US); **C10N 2030/45** (2020.05 - EP US); **C10N 2030/52** (2020.05 - EP US); **C10N 2040/25** (2013.01 - KR); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/253** (2020.05 - EP US); **C10N 2060/14** (2013.01 - EP US)

Cited by
EP2824165A1; AU2014203733B2

Designated contracting state (EPC)
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