

Title (en)
Lubricating oil composition

Title (de)
Schmierölszusammensetzung

Title (fr)
Composition d'huile lubrifiante

Publication
EP 1602711 A1 20051207 (EN)

Application
EP 05104732 A 20050601

Priority
JP 2004163792 A 20040601

Abstract (en)
Lubricating oil composition comprising a base oil comprising mineral oil, synthetic oil or mixtures thereof, (A) one or more metal detergents selected from optionally substituted divalent metal phenates, optionally substituted divalent metal salts of salicylic acid and optionally substituted divalent metal salts of sulphonic acid; (B) one or more zinc dialkyl dithiophosphates; and (C) one or more compounds selected from the group of (i) one or more fatty acid esters, and/or (ii) one or more further phosphorus compounds.

IPC 1-7
C10M 163/00

IPC 8 full level
C10M 101/02 (2006.01); **C10M 105/36** (2006.01); **C10M 105/38** (2006.01); **C10M 129/10** (2006.01); **C10M 129/54** (2006.01); **C10M 129/68** (2006.01); **C10M 135/10** (2006.01); **C10M 137/02** (2006.01); **C10M 137/04** (2006.01); **C10M 137/10** (2006.01); **C10M 159/22** (2006.01); **C10M 159/24** (2006.01); **C10M 163/00** (2006.01); **C10M 169/04** (2006.01); **C10N 10/04** (2006.01); **C10N 30/04** (2006.01); **C10N 30/06** (2006.01); **C10N 30/08** (2006.01); **C10N 30/10** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)
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Citation (search report)
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• [X] EP 1227145 A1 20020731 - NIPPON MITSUBISHI OIL CORP [JP]
• [X] EP 1055722 A1 20001129 - JAPAN ENERGY CORP [JP]

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RU2476587C2; EP2687582A1; AU2015101739B4; GB2444131A; GB2474986A; GB2444131B; GB2474986B; WO2012064234A3

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