

Title (en)
Food grade lubricant compositions

Title (de)
Schmiermittelzusammensetzungen mit Lebensmittelqualität

Title (fr)
Compositions de lubrifiant de qualité alimentaire

Publication
EP 1939272 A1 20080702 (EN)

Application
EP 07253915 A 20071003

Priority
US 56454306 A 20061129

Abstract (en)
A food grade lubricant composition and method of lubricating food processing machinery. The food grade lubricant composition includes a major amount of food grade base oil and a minor amount of at least one additive composition. The additive composition includes one or more non-sludge promoting wear reducing agents. An advantage of the lubricant composition is that it may exhibit lower sludge formation tendencies than a lubricant composition containing a conventional wear reducing agent.

IPC 8 full level
C10M 137/10 (2006.01); **C10M 169/00** (2006.01); **C10M 169/04** (2006.01); **C10N 40/02** (2006.01)

CPC (source: EP US)
C10M 137/10 (2013.01 - EP US); **C10M 169/00** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 2203/1085** (2013.01 - EP US); **C10M 2205/0265** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/401** (2013.01 - EP US); **C10M 2209/1023** (2013.01 - EP US); **C10M 2223/043** (2013.01 - EP US); **C10M 2223/047** (2013.01 - EP US); **C10N 2030/04** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/56** (2020.05 - EP US); **C10N 2030/62** (2020.05 - EP US); **C10N 2040/02** (2013.01 - EP US)

Citation (search report)
• [X] US 5102567 A 19920407 - WOLF LESLIE R [US]
• [X] US 2004241309 A1 20041202 - GARMIER WILLIAM W [US]
• [X] WO 0037592 A1 20000629 - EXXON RESEARCH ENGINEERING CO [US]
• [X] EP 1020511 A2 20000719 - EXXON RESEARCH ENGINEERING CO [US]
• [A] EP 1364955 A1 20031126 - INDIAN OIL CORP LTD [IN]

Cited by
ES2377688A1; WO2011060461A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1939272 A1 20080702; AU 2007221894 A1 20080612; CA 2605903 A1 20080529; CN 101191094 A 20080604; JP 2008138171 A 20080619; MX 2007011585 A 20090219; SG 143128 A1 20080627; US 2008125338 A1 20080529

DOCDB simple family (application)
EP 07253915 A 20071003; AU 2007221894 A 20071009; CA 2605903 A 20071004; CN 200710196148 A 20071128; JP 2007244998 A 20070921; MX 2007011585 A 20070920; SG 2007170145 A 20071018; US 56454306 A 20061129