

Title (en)
GREASE COMPOSITION

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE GRAISSE

Publication
EP 1559771 A1 20050803 (EN)

Application
EP 03765375 A 20030724

Priority
• JP 0309409 W 20030724
• JP 2002215726 A 20020724

Abstract (en)
A grease composition comprising a lubricating base oil combined with (A) 2-30 wt% of a thickener and (B) 0.1-10 wt% of at least one type of compound selected from the group consisting of phosphorus compounds represented by general formulas (1) and (2) below and their metal salts or amine salts, based on the total weight of the composition. <CHEM> Åwherein X<1>, X<2> and X<3> each represent an oxygen atom or sulfur atom, with at least two from among X<1>, X<2> and X<3> being oxygen atoms, and R<1>, R<2> and R<3> each represent hydrogen or a C1-30 hydrocarbon groupÜ <CHEM> Åwherein X<4>, X<5>, X<6> and X<7> each represent an oxygen atom or sulfur atom, with at least three from among X<4>, X<5>, X<6> and X<7> being oxygen atoms, and R<4>, R<5> and R<6> each represent hydrogen or a C1-30 hydrocarbon groupÜ.

IPC 1-7
C10M 137/02; C10M 141/10; C10M 169/06

IPC 8 full level
C10M 137/02 (2006.01); **C10M 169/02** (2006.01); **C10M 101/02** (2006.01); **C10M 115/08** (2006.01); **C10M 117/02** (2006.01); **C10M 117/04** (2006.01); **C10M 135/18** (2006.01); **C10M 137/04** (2006.01); **C10M 137/06** (2006.01); **C10M 137/08** (2006.01); **C10M 137/10** (2006.01); **C10M 141/10** (2006.01); **C10M 169/06** (2006.01); C10N 10/02 (2006.01); C10N 10/04 (2006.01); C10N 30/06 (2006.01); C10N 30/08 (2006.01); C10N 50/10 (2006.01)

CPC (source: EP US)
C10M 169/06 (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2205/0206** (2013.01 - EP US); **C10M 2207/1285** (2013.01 - EP US); **C10M 2215/1026** (2013.01 - EP US); **C10M 2217/0456** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP US); **C10M 2223/04** (2013.01 - EP US); **C10M 2223/042** (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 2223/049** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US); **C10N 2010/12** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2050/10** (2013.01 - EP US)

Cited by
EP2725088A4; DE102007048091A8; DE102007048091B4

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1559771 A1 20050803; **EP 1559771 A4 20070214**; AU 2003252260 A1 20040209; JP 2004059604 A 20040226; US 2006111256 A1 20060525; WO 2004009746 A1 20040129

DOCDB simple family (application)
EP 03765375 A 20030724; AU 2003252260 A 20030724; JP 0309409 W 20030724; JP 2002215726 A 20020724; US 52214405 A 20050805