

Title (en)

INDUSTRIAL AND AUTOMOTIVE GREASE AND PROCESS FOR ITS MANUFACTURE

Title (de)

SCHMIERFETT FÜR INDUSTRIELLE UND KFZ-ANWENDUNG SOWIE VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

GRAISSE INDUSTRIELLE ET AUTOMOBILE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2373771 B1 20140212 (EN)

Application

EP 09830730 A 20091204

Priority

- US 2009006387 W 20091204
- US 20096508 P 20081205

Abstract (en)

[origin: WO2010065130A1] A lubricating grease composition is disclosed. In one embodiment, the lubricating grease comprises at least one Group I oil, at least one Group II oil, a hydrophilic copolymer, and a soap thickener. The thickener is dispersed into at least one Group I oil during a cooking phase and the at least one Group II oil is introduced during a finishing phase. A method for making a lubricating grease is also disclosed. The method comprises obtaining at least one Group I oil, obtaining at least one Group II oil, obtaining a hydrophilic copolymer, obtaining a soap thickener, and mixing the at least one Group I oil, the least one Group II oil, the polymer and the soap thickener to form a grease wherein the thickener is dispersed into the at least one Group I oil during a cooking phase and at least one Group II oil is introduced during a finishing phase.

IPC 8 full level

C10M 169/06 (2006.01); **C10M 169/00** (2006.01); **C10M 177/00** (2006.01); **C10N 10/02** (2006.01); **C10N 20/02** (2006.01); **C10N 30/02** (2006.01); **C10N 30/06** (2006.01); **C10N 30/08** (2006.01); **C10N 30/10** (2006.01); **C10N 50/10** (2006.01); **C10N 70/00** (2006.01)

CPC (source: EP US)

C10M 169/00 (2013.01 - EP US); **C10M 169/06** (2013.01 - EP US); **C10M 177/00** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2203/1065** (2013.01 - EP US); **C10M 2203/1085** (2013.01 - EP US); **C10M 2205/02** (2013.01 - EP US); **C10M 2205/024** (2013.01 - EP US); **C10M 2205/026** (2013.01 - EP US); **C10M 2205/04** (2013.01 - EP US); **C10M 2207/1276** (2013.01 - EP US); **C10M 2207/1285** (2013.01 - EP US); **C10M 2209/086** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/073** (2020.05 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/08** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/26** (2020.05 - EP US); **C10N 2040/02** (2013.01 - EP US); **C10N 2050/10** (2013.01 - EP US); **C10N 2060/02** (2013.01 - EP US); **C10N 2070/00** (2013.01 - EP US)

Cited by

CN106047458A

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010065130 A1 20100610; CA 2743826 A1 20100610; CA 2743826 C 20161220; EP 2373771 A1 20111012; EP 2373771 A4 20120704; EP 2373771 B1 20140212; US 2011059879 A1 20110310

DOCDB simple family (application)

US 2009006387 W 20091204; CA 2743826 A 20091204; EP 09830730 A 20091204; US 59292209 A 20091204