

Title (en)
OIL SOLUBLE POLYALKYLENE GLYCOL LUBRICANT COMPOSITIONS

Title (de)
ÖLLÖSLICHE POLYALKYLEN-GLYCOL-SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITIONS LUBRIFIANTES DE POLY(ALKYLÈNE GLYCOL) SOLUBLES DANS L'HUILE

Publication
EP 2773731 A2 20140910 (EN)

Application
EP 12784827 A 20121025

Priority
• US 201161554095 P 20111101
• US 2012061807 W 20121025

Abstract (en)
[origin: WO2013066702A2] A lubricant composition comprising at least 90 wt% of at least one oil soluble polyalkylene glycol (OSP), wherein the OSP comprises at least 40 wt% units derived from butylene oxide and at least 40 wt% units derived from propylene oxide, initiated by one or more initiators selected from monols, diols, and polyols; and at least 0.05 wt% of at least one anti-wear additive; wherein the lubricant composition exhibits a four ball anti-wear of less than or equal to 0.35 mm and an air release value at 50 °C of less than or equal to 1 minute is provided.

IPC 8 full level
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CPC (source: EP US)
C10M 141/10 (2013.01 - US); **C10M 169/04** (2013.01 - EP US); **C10M 107/34** (2013.01 - US); **C10M 133/44** (2013.01 - US); **C10M 137/04** (2013.01 - US); **C10M 137/08** (2013.01 - US); **C10M 2207/026** (2013.01 - EP US); **C10M 2209/1065** (2013.01 - EP US); **C10M 2209/1075** (2013.01 - EP US); **C10M 2209/1085** (2013.01 - EP US); **C10M 2215/065** (2013.01 - EP US); **C10M 2215/223** (2013.01 - EP US); **C10M 2219/066** (2013.01 - EP US); **C10M 2223/04** (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 2030/00** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/30** (2013.01 - EP US)

C-Set (source: EP US)
1. **C10M 2209/1075** + **C10M 2209/1055** + **C10M 2209/1065**
2. **C10M 2209/1085** + **C10M 2209/1055** + **C10M 2209/1065**

Citation (search report)
See references of WO 2013066702A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
US 2012061807 W 20121025; CN 201280050748 A 20121025; EP 12784827 A 20121025; JP 2014538981 A 20121025; US 201214353538 A 20121025