

Title (en)

IMPROVED HIGH TEMPERATURE LUBRICANT COMPOSITIONS

Title (de)

VERBESSERTE HOCHTEMPERATUR-SCHMIERMITTELZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS LUBRIFIANTES À HAUTE TEMPÉRATURE AMÉLIORÉES

Publication

EP 1981955 A4 20100915 (EN)

Application

EP 07762776 A 20070130

Priority

- US 2007002632 W 20070130
- US 76329706 P 20060130

Abstract (en)

[origin: US2007179069A1] A lubricant composition useful for high temperature applications is provided comprising at least one polyol polyester derived from the reaction product of a neopentyl polyol with 5,7,7-trimethyl-2-(1,3,3-trimethylbutyl)-octanoic acid. The lubricants have low evaporation loss, high resistance to oxidation, and provide reduced deposits when utilized alone or in combination with other materials.

IPC 8 full level

C10M 105/38 (2006.01)

CPC (source: EP US)

C10M 105/38 (2013.01 - EP US); **C10M 111/04** (2013.01 - EP US); **C10M 159/12** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 2203/1065** (2013.01 - EP US); **C10M 2205/028** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/022** (2013.01 - EP US); **C10M 2207/126** (2013.01 - EP US); **C10M 2207/283** (2013.01 - EP US); **C10M 2207/2835** (2013.01 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/071** (2020.05 - EP US); **C10N 2030/08** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/74** (2020.05 - EP US)

C-Set (source: EP US)

C10M 2207/126 + **C10N 2020/071**

Citation (search report)

- [X] WO 9916849 A1 19990408 - UNICHEMA CHEMIE BV [NL], et al
- [X] US 6664216 B1 20031216 - LAKES STEPHEN C [US], et al
- [X] EP 0103884 A2 19840328 - STAUFFER CHEMICAL CO [US]
- [X] US 4477383 A 19841016 - BEIMESCH BRUCE J [US], et al
- See references of WO 2007089835A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2007179069 A1 20070802; EP 1981955 A2 20081022; EP 1981955 A4 20100915; EP 1981955 B1 20130828; EP 1981955 B9 20131113; WO 2007089835 A2 20070809; WO 2007089835 A3 20080207

DOCDB simple family (application)

US 69994607 A 20070130; EP 07762776 A 20070130; US 2007002632 W 20070130