

Title (en)

LOW POUR POINT LUBRICANT BASE STOCK

Title (de)

SCHMIERMITTELROHMATERIAL MIT NIEDRIGEM GIESSPUNKT

Title (fr)

HUILE DE BASE LUBRIFIANTE À FAIBLE POINT D ÉCOULEMENT

Publication

EP 2342312 A1 20110713 (EN)

Application

EP 09823893 A 20091016

Priority

- SE 2009000463 W 20091016
- SE 0802280 A 20081027

Abstract (en)

[origin: WO2010050871A1] Disclosed is a lubricant base stock, exhibiting a combination of high flash point, low evaporation loss, high viscosity and unexpectedly exceptionally low pour point and high viscosity index value. Said lubricant base stock comprises at least one ester between 2-propylheptanoic acid and at least one 2,2-substituted 1,3-propanediol and/or at least one dimer, trimer or polymer thereof and/or at least one alkoxyated species of a said 2,2-substituted 1,3-propanediol or a said dimer, trimer or polymer thereof.

IPC 8 full level

C10M 105/34 (2006.01); **C10M 105/38** (2006.01); **C10M 105/42** (2006.01)

CPC (source: EP SE US)

C10M 105/34 (2013.01 - EP US); **C10M 105/38** (2013.01 - EP SE US); **C10M 2207/2835** (2013.01 - EP US); **C10M 2209/1095** (2013.01 - EP US); **C10N 2020/011** (2020.05 - EP US); **C10N 2020/02** (2013.01 - EP US); **C10N 2020/071** (2020.05 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/74** (2020.05 - EP US); **C10N 2040/13** (2013.01 - EP US); **C10N 2040/25** (2013.01 - EP US); **C10N 2040/252** (2020.05 - EP US); **C10N 2040/255** (2020.05 - EP US); **C10N 2040/26** (2013.01 - EP US)

Cited by

DE102020102162A1; WO2021152001A1

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

SE 2009000463 W 20091016; CN 200980143018 A 20091016; EP 09823893 A 20091016; ES 09823893 T 20091016; JP 2011534427 A 20091016; SE 0802280 A 20081027; US 200913125240 A 20091016; US 201314100955 A 20131209