

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 A4 20120418 (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)

Citation (search report)
• [A] EP 1420059 A2 20040519 - BP CORP NORTH AMERICA INC [US]
• [A] US 2003104956 A1 20030605 - SCHAEFER THOMAS G [US], et al
• [AP] EP 1990041 A1 20081112 - COGNIS IP MAN GMBH [DE]
• See also references of WO 2010050871A1

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

DOCDB simple family (publication)
WO 2010050871 A1 20100506; CN 102203225 A 20110928; CN 102203225 B 20140528; EP 2342312 A1 20110713; EP 2342312 A4 20120418; EP 2342312 B1 20171129; ES 2659370 T3 20180315; JP 2012506942 A 20120322; JP 5406931 B2 20140205; SE 0802280 A1 20100428; SE 532942 C2 20100518; US 2011247578 A1 20111013; US 2014100149 A1 20140410

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