

Title (en)

PIB AS HIGH VISCOSITY LUBRICANT BASE STOCK

Title (de)

PIB ALS GRUNDBESTAND HOCHVISKOSER SCHMIERMITTEL

Title (fr)

POLYISOBUTÈNE (PIB) UTILISÉ COMME HUILE DE BASE LUBRIFIANTE À HAUTE VISCOSITÉ

Publication

EP 3265547 A1 20180110 (EN)

Application

EP 15709649 A 20150303

Priority

EP 2015054390 W 20150303

Abstract (en)

[origin: WO2016138939A1] Lubricant composition comprising a polyisobutene polymer having a number average molecular weight of 300-5000 g/mol and at least 60 mol % terminal double bonds based on the total number of double bonds in the polymer, and an ester component and/or an alkylated naphthalene compound having kinematic viscosity in the range of 2 to 15mm²/s at 100°C.

IPC 8 full level

C10M 161/00 (2006.01); **C10M 111/04** (2006.01); **C10M 169/04** (2006.01); **C10N 30/00** (2006.01); **C10N 30/02** (2006.01)

CPC (source: EP US)

C10M 101/02 (2013.01 - US); **C10M 107/08** (2013.01 - US); **C10M 111/04** (2013.01 - EP US); **C10M 161/00** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 169/041** (2013.01 - EP US); **C10M 2205/026** (2013.01 - EP US); **C10M 2205/0265** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/28** (2013.01 - EP US); **C10M 2207/2805** (2013.01 - EP US); **C10M 2207/282** (2013.01 - EP US); **C10M 2207/2825** (2013.01 - EP US); **C10M 2207/283** (2013.01 - EP US); **C10M 2207/2835** (2013.01 - EP US); **C10N 2030/02** (2013.01 - EP US); **C10N 2030/10** (2013.01 - US); **C10N 2030/68** (2020.05 - EP US); **C10N 2040/04** (2013.01 - US); **C10N 2040/06** (2013.01 - US); **C10N 2040/13** (2013.01 - US); **C10N 2040/20** (2013.01 - US); **C10N 2040/30** (2013.01 - US)

Citation (search report)

See references of WO 2016138939A1

Citation (examination)

ANONYMOUS: "SYNATIVE ES 2970 Synthetic Lubricant Basestock Composition", 1 January 2009 (2009-01-01), XP055738351, Retrieved from the Internet <URL:https://e-applications.basf-ag.de/data/basf-pcan/pds2/pds2-web.nsf/B6CC7ED1527AB7DCC12576770057420E/\$File/SYNATIVE_ES_2970_E.pdf> [retrieved on 20201009]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016138939 A1 20160909; EP 3265547 A1 20180110; US 2018066200 A1 20180308

DOCDB simple family (application)

EP 2015054390 W 20150303; EP 15709649 A 20150303; US 201515554038 A 20150303