

Title (en)  
LUBRICATING COMPOSITIONS FOR TRANSMISSIONS

Title (de)  
SCHMIERMITTELZUSAMMENSETZUNGEN FÜR GETRIEBE

Title (fr)  
COMPOSITIONS LUBRIFIANTES POUR TRANSMISSIONS

Publication  
**EP 2791294 B1 20200902 (FR)**

Application  
**EP 12809233 A 20121214**

Priority  
• FR 1161856 A 20111216  
• EP 2012075645 W 20121214

Abstract (en)  
[origin: WO2013087889A1] The present invention relates to a lubricating composition including one or more base oils, at least one dimercaptothiadiazole derivative, at least one ethylene and alphaolefin copolymer, and at least one amine thiophosphate. Said composition can be used for lubricating transmissions, such as gearboxes and axles, preferably the manual gearboxes of motor vehicles, and enables a reduction in the fuel consumption of vehicles, particularly of motor vehicles, due to the combination of the ethylene and alphaolefin copolymer, dimercaptothiadiazole derivative, and amine thiophosphate, which decreases the coefficient of friction of the lubricating composition.

IPC 8 full level  
**C10M 161/00** (2006.01); **C10N 30/06** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP RU US)  
**C10M 161/00** (2013.01 - EP RU US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2205/022** (2013.01 - EP US); **C10M 2205/024** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/28** (2013.01 - EP US); **C10M 2219/022** (2013.01 - EP US); **C10M 2219/044** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2219/106** (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 2030/06** (2013.01 - EP US); **C10N 2030/54** (2020.05 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2040/044** (2020.05 - EP US); **C10N 2040/25** (2013.01 - EP US)

Citation (examination)  
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• DATABASE CAS retrieved from STN Database accession no. 13539-13-4

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

DOCDB simple family (publication)  
**WO 2013087889 A1 20130620**; AR 089276 A1 20140813; BR 112014014490 A2 20191001; BR 112014014490 A8 20170613; CA 2858927 A1 20130620; CN 104066827 A 20140924; CN 104066827 B 20161116; EP 2791294 A1 20141022; EP 2791294 B1 20200902; FR 2984348 A1 20130621; FR 2984348 B1 20150227; JP 2015500385 A 20150105; JP 6067027 B2 20170125; KR 101984065 B1 20190530; KR 20140110861 A 20140917; MX 2014007278 A 20140801; MX 343664 B 20161116; RU 2014124015 A 20160210; RU 2612803 C2 20170313; US 2015218481 A1 20150806; US 9334462 B2 20160510

DOCDB simple family (application)

**EP 2012075645 W 20121214**; AR P120104759 A 20121214; BR 112014014490 A 20121214; CA 2858927 A 20121214;  
CN 201280061291 A 20121214; EP 12809233 A 20121214; FR 1161856 A 20111216; JP 2014546551 A 20121214;  
KR 20147016039 A 20121214; MX 2014007278 A 20121214; RU 2014124015 A 20121214; US 201214364988 A 20121214