

Title (en)
LUBRICANT POLYMERS

Title (de)
SCHMIERMITTELPOLYMERE

Title (fr)
POLYMÈRES DE LUBRIFIANT

Publication
EP 3257920 A1 20171220 (EN)

Application
EP 16305740 A 20160617

Priority
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Abstract (en)
Disclosed are uses of lubricant compositions comprising copolymers of monomers (A) selected from C6-C10 alkyl methacrylate monomers, and monomers (B) selected from C10-C18 alkyl methacrylate monomers, and a base oil or comprising a copolymer obtained by combining at least monomers (A) selected from C6-C10 alkyl methacrylate monomers, and monomers (B) selected from C10-C18 alkyl methacrylate monomers in a mixture and co-polymerizing the monomers for increasing the spreading and/or the self-spreading of the lubricant on the cylinder liner surface after its delivery.

IPC 8 full level
C10M 145/14 (2006.01); **C10M 169/04** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01); **C10N 40/25** (2006.01); **C10N 40/26** (2006.01)

CPC (source: EP KR US)
C10M 133/54 (2013.01 - US); **C10M 145/14** (2013.01 - EP KR US); **C10M 161/00** (2013.01 - US); **C10M 169/041** (2013.01 - EP KR US); **C10M 169/044** (2013.01 - US); **C10M 2203/003** (2013.01 - US); **C10M 2203/1006** (2013.01 - EP KR US); **C10M 2209/084** (2013.01 - EP KR US); **C10M 2215/04** (2013.01 - EP KR US); **C10M 2215/26** (2013.01 - US); **C10N 2020/069** (2020.05 - US); **C10N 2020/071** (2020.05 - US); **C10N 2030/00** (2013.01 - EP KR US); **C10N 2030/04** (2013.01 - US); **C10N 2030/06** (2013.01 - EP KR US); **C10N 2030/12** (2013.01 - EP KR US); **C10N 2030/52** (2020.05 - EP KR US); **C10N 2030/56** (2020.05 - EP KR US); **C10N 2040/25** (2013.01 - US); **C10N 2040/252** (2020.05 - EP KR US); **C10N 2050/04** (2013.01 - EP KR US)

Citation (search report)
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• [A] EP 0823472 A1 19980211 - ROHM & HAAS [US]
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FR3095209A1; WO2020212562A1

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)
EP 3257920 A1 20171220; AR 108746 A1 20180919; BR 112018076024 A2 20190402; CN 109328226 A 20190212; EP 3472275 A1 20190424; EP 3472275 B1 20210224; JP 2019518122 A 20190627; JP 2021169633 A 20211028; KR 20190018700 A 20190225; RU 2018144257 A 20200717; RU 2018144257 A3 20200812; SG 11201810869S A 20190130; TW 201809241 A 20180316; US 2019177643 A1 20190613; WO 2017216327 A1 20171221

DOCDB simple family (application)
EP 16305740 A 20160617; AR P170101642 A 20170615; BR 112018076024 A 20170616; CN 201780037544 A 20170616; EP 17729882 A 20170616; EP 2017064736 W 20170616; JP 2018565308 A 20170616; JP 2021128713 A 20210805; KR 20197001301 A 20170616; RU 2018144257 A 20170616; SG 11201810869S A 20170616; TW 106120270 A 20170616; US 201716310691 A 20170616