

Title (en)
LUBRICANT COMPOSITION FOR PREVENTING CORROSION AND/OR TRIBO-CORROSION OF METAL PARTS IN AN ENGINE

Title (de)
SCHMIERMITTELZUSAMMENSETZUNG ZUR VERHINDERUNG VON KORROSION UND/ODER TRIBOKORROSION VON METALLTEILEN IN EINEM MOTOR

Title (fr)
COMPOSITION LUBRIFIANTE POUR PRÉVENIR LA CORROSION ET/OU LA TRIBOCORROSION DES PIÈCES MÉTALLIQUES DANS UN MOTEUR

Publication
EP 3990591 A1 20220504 (FR)

Application
EP 20734083 A 20200626

Priority
• FR 1907180 A 20190628
• EP 2020068122 W 20200626

Abstract (en)
[origin: WO2020260650A1] Disclosed is a lubricant composition comprising: - at least one base oil; and - 0.1% to 30% by weight of a phosphorus ester compound of formula (A) where s is 0 or 1, and the radicals X independently represent -OR' or R' groups, R' being hydrogen or a linear or branched hydrocarbon group preferably having 1 to 36 carbon atoms, with the proviso that: when s is 0, the three radicals X represent -OR' groups, and when s is 1, at least two of the three radicals X represent -OR' groups.

IPC 8 full level
C10M 137/04 (2006.01); **C10M 137/12** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01); **C10N 40/25** (2006.01)

CPC (source: CN EP KR US)
C10M 137/04 (2013.01 - CN EP KR US); **C10M 137/12** (2013.01 - CN EP KR); **C10M 169/04** (2013.01 - CN);
C10M 2203/1006 (2013.01 - CN EP KR); **C10M 2207/26** (2013.01 - CN EP KR US); **C10M 2215/086** (2013.01 - CN US);
C10M 2219/044 (2013.01 - CN); **C10M 2219/046** (2013.01 - US); **C10M 2223/04** (2013.01 - CN EP KR US);
C10M 2223/049 (2013.01 - CN EP KR US); **C10M 2223/06** (2013.01 - CN EP KR US); **C10N 2030/04** (2013.01 - US);
C10N 2030/06 (2013.01 - CN EP KR); **C10N 2030/12** (2013.01 - CN EP KR US); **C10N 2040/252** (2020.05 - CN EP KR US);
C10N 2040/26 (2013.01 - US)

Citation (search report)
See references of WO 2020260650A1

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)
FR 3097875 A1 20210101; **FR 3097875 B1 20220304**; CN 114026208 A 20220208; CN 114026208 B 20221025; EP 3990591 A1 20220504;
JP 2022539199 A 20220907; KR 20220059470 A 20220510; US 2022411713 A1 20221229; WO 2020260650 A1 20201230

DOCDB simple family (application)
FR 1907180 A 20190628; CN 202080047553 A 20200626; EP 2020068122 W 20200626; EP 20734083 A 20200626;
JP 2021577876 A 20200626; KR 20227003475 A 20200626; US 202017619804 A 20200626