

Title (en)
GEAR LUBRICANT COMPOSITION

Title (de)
GETRIEBESCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION LUBRIFIANTE POUR ENGRENAGE

Publication
EP 3707226 B1 20240313 (FR)

Application
EP 18875007 A 20181108

Priority
• FR 1760558 A 20171109
• FR 2018052780 W 20181108

Abstract (en)
[origin: WO2019092379A2] The invention relates to the use of a gear lubricant composition, said composition comprising: - at least 97 % by weight, based on the total weight of the lubricant composition, of at least one hydrocarbon-based oil that comprises a weight content of isoparaffins ranging from 90 to 0 %, a weight content of normal paraffins ranging from 0 to 10 % and a carbon content of biological origin greater than or equal to 90 % relative to the total weight of the oil, - at least 0.01 % by weight, based on the total weight of the lubricant composition, of at least one additive selected among the anti-wear additives, extreme pressure additives, anti-corrosion additives, additives having metal-deactivating properties, anti-foam additives, anti-oxidant additives selected among the phenolic anti-oxidants, and the mixtures thereof.

IPC 8 full level
C10M 101/02 (2006.01); **C10N 20/00** (2006.01); **C10N 20/02** (2006.01); **C10N 30/00** (2006.01); **C10N 30/02** (2006.01); **C10N 30/10** (2006.01); **C10N 40/04** (2006.01)

CPC (source: CN EP US)
C10M 101/02 (2013.01 - CN EP); **C10M 101/025** (2013.01 - US); **C10M 125/24** (2013.01 - US); **C10M 129/10** (2013.01 - US); **C10M 133/06** (2013.01 - US); **C10M 133/44** (2013.01 - US); **C10M 135/18** (2013.01 - US); **C10M 135/36** (2013.01 - US); **C10M 137/10** (2013.01 - US); **C10M 139/04** (2013.01 - US); **C10M 141/10** (2013.01 - US); **C10M 169/04** (2013.01 - US); **C10M 2201/084** (2013.01 - US); **C10M 2201/085** (2013.01 - US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP); **C10M 2203/1045** (2013.01 - US); **C10M 2203/1065** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP); **C10M 2207/023** (2013.01 - US); **C10M 2207/026** (2013.01 - EP); **C10M 2207/2805** (2013.01 - EP); **C10M 2215/04** (2013.01 - EP US); **C10M 2215/08** (2013.01 - US); **C10M 2215/10** (2013.01 - EP); **C10M 2215/223** (2013.01 - EP); **C10M 2215/30** (2013.01 - US); **C10M 2219/066** (2013.01 - EP US); **C10M 2219/068** (2013.01 - EP); **C10M 2219/106** (2013.01 - EP US); **C10M 2223/04** (2013.01 - EP); **C10M 2223/047** (2013.01 - EP US); **C10M 2223/06** (2013.01 - EP); **C10M 2227/04** (2013.01 - US); **C10M 2229/02** (2013.01 - EP); **C10N 2020/015** (2020.05 - US); **C10N 2020/02** (2013.01 - EP); **C10N 2020/071** (2020.05 - EP); **C10N 2020/081** (2020.05 - EP US); **C10N 2030/02** (2013.01 - EP); **C10N 2030/06** (2013.01 - CN US); **C10N 2030/10** (2013.01 - CN EP US); **C10N 2030/12** (2013.01 - CN US); **C10N 2030/14** (2013.01 - CN US); **C10N 2030/18** (2013.01 - CN US); **C10N 2030/45** (2020.05 - US); **C10N 2030/64** (2020.05 - EP); **C10N 2040/04** (2013.01 - CN EP US)

Citation (examination)
US 2009014354 A1 20090115 - KNUUTTILA PEKKA [FI], et al

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)
FR 3073228 A1 20190510; **FR 3073228 B1 20201023**; CN 111295436 A 20200616; CN 111295436 B 20230314; CN 116083135 A 20230509; EP 3707226 A2 20200916; EP 3707226 B1 20240313; US 11414619 B2 20220816; US 2020270544 A1 20200827; WO 2019092379 A2 20190516; WO 2019092379 A3 20190912

DOCDB simple family (application)
FR 1760558 A 20171109; CN 201880071600 A 20181108; CN 202310147602 A 20181108; EP 18875007 A 20181108; FR 2018052780 W 20181108; US 201816761605 A 20181108