

Title (en)

USE OF A COMPOSITION FOR COOLING AND LUBRICATING A DRIVE SYSTEM OF A VEHICLE

Title (de)

VERWENDUNG EINER ZUSAMMENSETZUNG ZUR KÜHLUNG UND SCHMIERUNG EINES ANTRIEBSSYSTEMS EINES FAHRZEUGES

Title (fr)

UTILISATION D'UNE COMPOSITION POUR REFROIDIR ET LUBRIFIER UN SYSTÈME DE MOTORISATION D'UN VÉHICULE

Publication

**EP 3697876 B1 20231004 (FR)**

Application

**EP 18785985 A 20181019**

Priority

- FR 1759909 A 20171020
- EP 2018078706 W 20181019

Abstract (en)

[origin: WO2019077105A1] The present invention relates to the use, for cooling and lubricating a drive system of an electric or hybrid vehicle, of a composition having a kinematic viscosity, measured at 100°C according to standard ASTM D445, of between 3 and 10 mm<sup>2</sup>/s, comprising at least: - from 70% to 90% of a base oil, or a mixture of base oils, having a kinematic viscosity, measured at 100°C according to standard ASTM D445, ranging from 1.5 to 8 mm<sup>2</sup>/s and selected from polyalphaolefins; and - at least one thickening polymer.

IPC 8 full level

**C10M 169/04** (2006.01); **C10N 20/02** (2006.01); **C10N 40/04** (2006.01); **C10N 40/14** (2006.01); **C10N 40/25** (2006.01); **C10N 60/02** (2006.01)

CPC (source: EP KR US)

**C10M 107/02** (2013.01 - US); **C10M 119/02** (2013.01 - US); **C10M 119/12** (2013.01 - US); **C10M 169/02** (2013.01 - KR US); **C10M 169/041** (2013.01 - EP); **C10M 2205/003** (2013.01 - US); **C10M 2205/006** (2013.01 - US); **C10M 2205/022** (2013.01 - EP KR); **C10M 2205/024** (2013.01 - EP KR); **C10M 2205/028** (2013.01 - EP KR); **C10M 2205/0285** (2013.01 - EP KR); **C10M 2205/04** (2013.01 - EP KR); **C10M 2205/046** (2013.01 - US); **C10M 2205/06** (2013.01 - EP KR); **C10M 2205/066** (2013.01 - US); **C10M 2209/006** (2013.01 - US); **C10M 2209/084** (2013.01 - EP KR US); **C10N 2020/02** (2013.01 - EP KR US); **C10N 2020/069** (2020.05 - EP KR); **C10N 2020/071** (2020.05 - EP KR); **C10N 2020/073** (2020.05 - EP KR); **C10N 2040/04** (2013.01 - EP KR US); **C10N 2040/14** (2013.01 - EP KR); **C10N 2040/25** (2013.01 - EP KR); **C10N 2060/02** (2013.01 - EP KR)

C-Set (source: EP)

1. **C10M 2205/022 + C10M 2205/024**
2. **C10M 2205/04 + C10N 2060/02**
3. **C10M 2205/06 + C10N 2060/02**
4. **C10M 2205/04 + C10M 2205/06 + C10N 2060/02**

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 2019077105 A1 20190425**; CN 111373021 A 20200703; EP 3697876 A1 20200826; EP 3697876 B1 20231004; ES 2968536 T3 20240510; FR 3072685 A1 20190426; FR 3072685 B1 20201106; JP 2021500463 A 20210107; JP 7260555 B2 20230418; KR 20200073240 A 20200623; US 2020248095 A1 20200806

DOCDB simple family (application)

**EP 2018078706 W 20181019**; CN 201880075627 A 20181019; EP 18785985 A 20181019; ES 18785985 T 20181019; FR 1759909 A 20171020; JP 2020542684 A 20181019; KR 20207013215 A 20181019; US 201816757064 A 20181019