

Title (en)  
LUBRICATION OF RECHARGEABLE HYBRID VEHICLE ENGINE AND HYBRID VEHICLE COMPRISING A RANGE EXTENDER

Title (de)  
SCHMIERUNG EINES WIEDERAUFLADBAREN HYBRIDFAHRZEUGMOTORS UND HYBRIDFAHRZEUG MIT BEREICHSERWEITERER

Title (fr)  
LUBRIFICATION DE MOTEUR DE VÉHICULE HYBRIDE RECHARGEABLE ET VÉHICULE HYBRIDE COMPRENANT UN PROLONGATEUR D'AUTONOMIE

Publication  
**EP 4314214 A1 20240207 (FR)**

Application  
**EP 22719291 A 20220330**

Priority  
• FR 2103252 A 20210330  
• EP 2022058431 W 20220330

Abstract (en)  
[origin: WO2022207715A1] The application relates to the use of a lubricating composition of grade, according to the SAE J300 classification, 0W-8, comprising at least one base oil, from 1 to 1000 ppm of at least one friction modifying additive and from 0.1% to 10% by weight of at least one viscosity index improver polymer, said lubricating composition having a kinematic viscosity measured at 40°C, according to standard ASTM D445, less than or equal to 20 mm<sup>2</sup>/s, a kinematic viscosity measured at 100°C, according to standard ASTM D445, less than 5 mm<sup>2</sup>/s and a Noack volatility measured at 250°C, according to standard CEC-L-40- A-93, between 10% and 85%, preferably between 25% and 85%, more preferentially between 60% and 85%, for the lubrication of a rechargeable hybrid vehicle engine or of a hybrid vehicle engine comprising a range extender.

IPC 8 full level  
**C10M 171/02** (2006.01); **C10N 20/02** (2006.01); **C10N 30/00** (2006.01); **C10N 30/02** (2006.01); **C10N 30/06** (2006.01); **C10N 40/25** (2006.01)

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**C10M 135/18** (2013.01 - US); **C10M 169/04** (2013.01 - US); **C10M 171/02** (2013.01 - EP KR); **C10M 2203/003** (2013.01 - US); **C10M 2219/068** (2013.01 - EP KR US); **C10N 2020/02** (2013.01 - EP KR US); **C10N 2030/02** (2013.01 - EP KR US); **C10N 2030/04** (2013.01 - US); **C10N 2030/06** (2013.01 - EP KR); **C10N 2030/54** (2020.05 - EP KR US); **C10N 2030/74** (2020.05 - EP KR US); **C10N 2040/25** (2013.01 - US); **C10N 2040/255** (2020.05 - EP KR); **C10N 2040/40** (2020.05 - US); **Y02T 10/62** (2013.01 - EP KR)

C-Set (source: EP)  
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KH MA MD TN

DOCDB simple family (publication)  
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