

Title (en)  
LUBRICANT OIL COMPOSITION, METHOD FOR PRODUCING LUBRICANT OIL COMPOSITION, AND METHOD FOR LUBRICATING TRANSMISSION GEAR OR REDUCTION GEAR

Title (de)  
SCHMIERÖLZUSAMMENSETZUNG, VERFAHREN ZUR HERSTELLUNG EINER SCHMIERÖLZUSAMMENSETZUNG UND VERFAHREN ZUR SCHMIERUNG VON GETRIEBE- ODER UNTERSETZUNGSGETRIEBEN

Title (fr)  
COMPOSITION D'HUILE LUBRIFIANTE AINSI QUE PROCÉDÉ DE FABRICATION DE CELLE-CI, ET TRANSMISSION AINSI QUE PROCÉDÉ DE LUBRIFICATION DE CELLE-CI

Publication  
**EP 4001383 A4 20230118 (EN)**

Application  
**EP 20842964 A 20200707**

Priority  
• JP 2019133755 A 20190719  
• JP 2020026602 W 20200707

Abstract (en)  
[origin: EP4001383A1] To provide a lubricating oil composition which can achieve a good wear resistance even in a high temperature range where oil film is difficult to retain. A lubricating oil composition containing a base oil (A), at least one compound (B) selected from a zinc dithiophosphate (B1) and a sulfurized olefin (B2), a sarcosine compound (C), and a thiophosphate ester or an amine salt thereof (D), the base oil (A) having a high-viscosity base oil (A1) that has a 100°C kinematic viscosity of 25 mm<sup>2</sup>/s or higher blended therein.

IPC 8 full level  
**C10M 169/04** (2006.01); **C10M 133/16** (2006.01); **C10M 135/04** (2006.01); **C10M 137/10** (2006.01); **C10N 20/02** (2006.01); **C10N 30/00** (2006.01); **C10N 30/02** (2006.01); **C10N 30/06** (2006.01); **C10N 40/04** (2006.01)

CPC (source: CN EP)  
**C10M 169/04** (2013.01 - EP); **C10M 169/048** (2013.01 - CN); **C10M 2203/1006** (2013.01 - CN EP); **C10M 2203/1025** (2013.01 - CN); **C10M 2205/0206** (2013.01 - CN); **C10M 2205/0265** (2013.01 - CN EP); **C10M 2205/0285** (2013.01 - EP); **C10M 2207/026** (2013.01 - EP); **C10M 2209/084** (2013.01 - CN EP); **C10M 2215/04** (2013.01 - CN EP); **C10M 2215/042** (2013.01 - EP); **C10M 2215/28** (2013.01 - CN EP); **C10M 2219/022** (2013.01 - EP); **C10M 2219/044** (2013.01 - CN); **C10M 2219/046** (2013.01 - EP); **C10M 2219/106** (2013.01 - CN EP); **C10M 2223/043** (2013.01 - CN); **C10M 2223/045** (2013.01 - CN EP); **C10M 2223/047** (2013.01 - CN EP); **C10M 2229/02** (2013.01 - EP); **C10N 2020/02** (2013.01 - EP); **C10N 2030/02** (2013.01 - CN EP); **C10N 2030/06** (2013.01 - CN EP); **C10N 2030/08** (2013.01 - CN); **C10N 2030/52** (2020.05 - EP); **C10N 2040/04** (2013.01 - CN EP)

Citation (search report)  
• [I] GB 1235896 A 19710616 - MOBIL OIL CORP [US]  
• [A] GB 1331586 A 19730926 - TEXACO DEVELOPMENT CORP  
• See references of WO 2021014965A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 4001383 A1 20220525**; **EP 4001383 A4 20230118**; CN 114207097 A 20220318; JP 2021017494 A 20210215; JP 7364379 B2 20231018; WO 2021014965 A1 20210128

DOCDB simple family (application)  
**EP 20842964 A 20200707**; CN 202080050942 A 20200707; JP 2019133755 A 20190719; JP 2020026602 W 20200707