

Title (en)  
LUBRICATING OIL COMPOSITIONS FOR MOTORCYCLES

Title (de)  
SCHMIERÖLZUSAMMENSETZUNG FÜR MOTORRÄDER

Title (fr)  
COMPOSITIONS D'HUILE LUBRIFIANTE POUR DES MOTOCYCLETES

Publication  
**EP 3548590 A1 20191009 (EN)**

Application  
**EP 17823233 A 20171122**

Priority  
• US 201615364469 A 20161130  
• JP 2017042704 W 20171122

Abstract (en)  
[origin: US2018148663A1] Also disclosed is a method for lubricating the engine of a motorcycle, which comprises an engine and a clutch, with a MoDTC-free lubricating oil composition, wherein the composition comprises: an oil of lubricating viscosity, a molybdenum compound, and a salicylate detergent having a TBN 100-450 on active basis, and wherein the composition lubricates the engine but not the clutch.

IPC 8 full level  
**C10M 163/00** (2006.01); **C10N 10/04** (2006.01); **C10N 10/12** (2006.01); **C10N 30/06** (2006.01); **C10N 40/04** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR US)  
**C10M 129/50** (2013.01 - KR US); **C10M 129/54** (2013.01 - KR US); **C10M 133/44** (2013.01 - KR US); **C10M 135/10** (2013.01 - KR US); **C10M 163/00** (2013.01 - EP KR US); **C10M 169/04** (2013.01 - KR US); **C10M 2207/028** (2013.01 - EP KR US); **C10M 2207/141** (2013.01 - KR US); **C10M 2207/144** (2013.01 - KR US); **C10M 2207/262** (2013.01 - EP KR US); **C10M 2215/02** (2013.01 - KR US); **C10M 2215/223** (2013.01 - KR US); **C10M 2215/28** (2013.01 - EP KR US); **C10M 2219/044** (2013.01 - KR US); **C10M 2219/046** (2013.01 - EP KR US); **C10M 2223/045** (2013.01 - EP KR US); **C10N 2030/04** (2013.01 - KR US); **C10N 2030/06** (2013.01 - EP KR US); **C10N 2030/40** (2020.05 - EP KR US); **C10N 2030/52** (2020.05 - EP KR US); **C10N 2040/04** (2013.01 - EP KR US); **C10N 2040/255** (2020.05 - EP KR US); **C10N 2070/00** (2013.01 - EP KR US)

C-Set (source: EP US)  
1. **C10M 2215/28 + C10N 2010/12**  
2. **C10M 2207/262 + C10N 2010/04**  
3. **C10M 2223/045 + C10N 2010/04**

Citation (search report)  
See references of WO 2018101282A1

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)  
**US 2018148663 A1 20180531**; CA 3037124 A1 20180607; CA 3037124 C 20230905; CN 109863235 A 20190607; CN 109863235 B 20220405; EP 3548590 A1 20191009; EP 3548590 B1 20220608; JP 2020500959 A 20200116; JP 7069154 B2 20220517; KR 102639653 B1 20240226; KR 20190091487 A 20190806; PH 12019500502 A1 20190603; SG 11201901933Q A 20190429; WO 2018101282 A1 20180607

DOCDB simple family (application)  
**US 201615364469 A 20161130**; CA 3037124 A 20171122; CN 201780065400 A 20171122; EP 17823233 A 20171122; JP 2017042704 W 20171122; JP 2019525937 A 20171122; KR 20197018894 A 20171122; PH 12019500502 A 20190307; SG 11201901933Q A 20171122