

Title (en)

OXIDATION-STABLE LUBRICATING COMPOSITION FOR A MOTOR VEHICLE DRIVE TRAIN

Title (de)

OXIDATIONSSTABILE SCHMIERMITTELZUSAMMENSETZUNG FÜR EINEN KRAFTFAHRZEUGANTRIEBSSTRANG

Title (fr)

COMPOSITION LUBRIFIANTE POUR TRANSMISSION AUTOMOBILE STABLE À L'OXYDATION

Publication

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Application

**EP 21746441 A 20210719**

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Abstract (en)

[origin: WO2022018001A1] The present invention relates to a lubricating composition comprising at least one base oil, at least one borated dispersant, at least two antioxidants selected from amine antioxidants, phenolic antioxidants substituted with one or more linear or branched alkyl groups having from 1 to 30 carbon atoms, and mixtures thereof, and at least one phosphite polymer having the formula (I) wherein: - each of the R1, R2, R3 and R4 can be independently selected from the C1-C20 alkyl, C3-C22 alkenyl, C6-C40 cycloalkyl, C7-C40 cycloalkenyl, C1-20 methoxy alkyl glycol ethers and Y-OH groups; - Y is selected from C2-C40 alkylene, C2-C40 alkyl lactone, -R7- N(R8)-R9- groups, in which R7, R8 and R9 are independently selected from hydrogen, C1-C20 alkyl, C3-C22 alkenyl, C6-C40 cycloalkyl, C7-C40 cycloalkenyl, C1-20 methoxy alkyl glycol ethers; - m is an integer from 2 to 100; - n is an integer from 1 to 1000.

IPC 8 full level

**C10M 133/12** (2006.01); **C10M 137/04** (2006.01); **C10M 141/10** (2006.01); **C10M 153/04** (2006.01); **C10M 155/04** (2006.01); **C10M 157/08** (2006.01); **C10M 161/00** (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP US)

**C10M 129/76** (2013.01 - US); **C10M 133/12** (2013.01 - EP US); **C10M 133/44** (2013.01 - US); **C10M 135/30** (2013.01 - US); **C10M 137/04** (2013.01 - EP); **C10M 137/105** (2013.01 - US); **C10M 141/10** (2013.01 - EP US); **C10M 153/04** (2013.01 - EP US); **C10M 155/00** (2013.01 - US); **C10M 155/04** (2013.01 - EP); **C10M 157/08** (2013.01 - EP US); **C10M 161/00** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP); **C10M 169/044** (2013.01 - US); **C10M 2203/003** (2013.01 - US); **C10M 2207/284** (2013.01 - US); **C10M 2215/26** (2013.01 - US); **C10M 2215/30** (2013.01 - US); **C10M 2219/087** (2013.01 - US); **C10M 2223/047** (2013.01 - US); **C10M 2223/049** (2013.01 - US); **C10M 2225/00** (2013.01 - US); **C10M 2229/00** (2013.01 - US); **C10N 2020/04** (2013.01 - US); **C10N 2030/04** (2013.01 - US); **C10N 2030/06** (2013.01 - US); **C10N 2030/10** (2013.01 - US); **C10N 2030/42** (2020.05 - US); **C10N 2040/04** (2013.01 - US)

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