

Title (en)

FINAL-DRIVE LUBRICATING OIL COMPOSITION.

Title (de)

SCHMIERÖLZUSAMMENSETZUNG FÜR ENDANTRIEB.

Title (fr)

COMPOSITION D'HUILE DE LUBRIFICATION DE TRANSMISSION AUX ROUES MOTRICES.

Publication

EP 0677570 A4 19960117 (EN)

Application

EP 94903091 A 19931228

Priority

- JP 9301918 W 19931228
- JP 36144992 A 19921229

Abstract (en)

[origin: WO9414932A1] A final-drive lubricating oil composition comprising a base oil and, added thereto, (A) 0.1-5 wt.% of a phosphoric ester, a phosphorous ester or an alkylamine salt of a phosphoric ester, (B) 0.1-5 wt.% of an organic acid represented by the general formula: $R<1>-CON(CH_3)CH_2COOH$ (wherein $R<1>$ represents C1-C18 alkyl or C2-C18 alkenyl) and (C) 3-15 wt.% of a sulfurized olefin or an alkyl sulfide, each based on the whole composition. The composition serves to further improve the transmission efficiency at the differential gear under varied conditions of input torque, input rotational speed and oil temperature as compared with the conventional compositions containing additives based on sulfur and phosphorous compounds, thus leading to fuel consumption improvement.

IPC 1-7

C10M 141/10

IPC 8 full level

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Citation (search report)

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- [A] GB 1101724 A 19680131 - MOBIL OIL CORP
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- See references of WO 9414932A1

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