

Title (en)
OIL COMPOSITION FOR MANUAL TRANSMISSION

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Application
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Abstract (en)
[origin: EP0237804A2] The present invention provides an oil composition for manual transmissions in which (A) 80 to 90 parts by weight of a base oil having a viscosity of 1 to 50 cSt at 100 DEG C is blended with, as essential ingredients, (B) 0.2 to 5 parts by weight of a sulfurized oil or a sulfurized ester, (C) 0.1 to 5 parts by weight of phosphorous ester, (D) 0.2 to 5 parts by weight of zinc dithiophosphate, and (E) 2 to 5 parts by weight of a metallic detergent.

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IPC 8 full level
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Citation (search report)
• [X] FR 2009296 A1 19700130 - MOBIL OIL CORP, et al
• [X] US 3899432 A 19750812 - ROTHERT KENNETH, et al

Cited by
EP2565257A4; FR3097875A1; US6482778B2; EP0335702A3; US5767044A; EP3135750A1; EP0578435A1; US6503872B1; AU2001286646B2; EP0501527A1; US5523005A; US11136523B2; WO0216533A3; WO2020260650A1

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