

Title (en)

Transmission fluids exhibiting reduced pitting

Title (de)

Flüssigkeit für Getriebe mit veringierter Rostfrasskorrosion

Title (fr)

Fluide de transmission présentant une formation reduite de piquûre

Publication

EP 1308496 B1 20060614 (EN)

Application

EP 02257642 A 20021105

Priority

US 33293201 A 20011106

Abstract (en)

[origin: EP1308496A2] Compounds comprising a 5-membered ring containing at least two double bonded nitrogen atoms can be used to impart improved metal pitting performance to a transmission fluid. The fluid includes an oil of lubricating viscosity and a hydrocarbyl ester of a phosphorous acid and is preferably limited to 0 to 0.1 percent by weight of zinc salts of sulfur-containing phosphorus acids.

IPC 8 full level

C10M 141/10 (2006.01); **C10M 141/00** (2006.01); **C10M 167/00** (2006.01); **C10M 125/24** (2006.01); **C10M 133/44** (2006.01); **C10M 133/52** (2006.01); **C10M 133/56** (2006.01); **C10M 135/36** (2006.01); **C10M 137/02** (2006.01); **C10M 137/10** (2006.01); **C10M 145/14** (2006.01); **C10M 159/16** (2006.01); **C10M 159/24** (2006.01); **C10N 30/06** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP)

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Cited by

FR3097875A1; US8435932B2; US7683013B2; WO2014186318A1; EP1918356B1; JP2008537008A; WO2006115666A1; WO2020260650A1

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