

Title (en)
MINERAL OIL BASED TRANSMISSION FLUID

Publication
EP 0436872 A3 19910911 (DE)

Application
EP 90124345 A 19901215

Priority
DE 4000753 A 19900112

Abstract (en)
[origin: EP0436872A2] Hydraulic fluids, predominantly for hydrokinetic drives, also called automatic transmission fluids (ATF), are based on mineral oil, the base oil being a paraffin-based oil raffinate having viscosities of about 4 mm²/s at 100 DEG C, with additives necessary for this application, with the exclusion of polyisobutylene-based dispersants, having been added thereto, and are formulated in such a way that they have Brookfield viscosities from less than 30,000 to less than 20,000 mPas at -40 DEG C. The decrease in viscosity at low temperatures is made possible by replacing the polyisobutylene-based dispersant by a dispersant based on polyalkyl (meth)acrylate.

IPC 1-7
C10M 169/04; **C10M 145/14**; **C10M 149/02**

IPC 8 full level
C10M 145/14 (2006.01); **C10M 149/02** (2006.01); **C10M 169/04** (2006.01); **C10N 20/02** (2006.01); **C10N 20/04** (2006.01); **C10N 30/02** (2006.01); **C10N 30/04** (2006.01); **C10N 40/08** (2006.01)

CPC (source: EP)
C10M 101/02 (2013.01); **C10M 145/14** (2013.01); **C10M 149/02** (2013.01); **C10M 169/04** (2013.01); **C10M 169/041** (2013.01); **C10M 2203/10** (2013.01); **C10M 2203/1006** (2013.01); **C10M 2203/102** (2013.01); **C10M 2203/1025** (2013.01); **C10M 2203/1045** (2013.01); **C10M 2203/1065** (2013.01); **C10M 2203/1085** (2013.01); **C10M 2209/084** (2013.01); **C10M 2217/02** (2013.01); **C10M 2217/023** (2013.01); **C10M 2217/024** (2013.01); **C10M 2217/028** (2013.01); **C10M 2217/06** (2013.01); **C10N 2040/08** (2013.01)

Citation (search report)

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- [A] GB 2189495 A 19871028 - ROEHM GMBH
- [AD] US 4822508 A 19890418 - PENNEWISS HORST [DE], et al
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- [A] CHEMICAL ABSTRACTS, Band 79, Nr. 10, November 1973, Seite 76, Zusammenfassung Nr. 116842m, Columbus, Ohio, US; & JP-A-73 039 506 (KANEKAFUCHI CO.) 11-06-1973

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Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0436872 A2 19910717; **EP 0436872 A3 19910911**; **EP 0436872 B1 19930901**; AT E93886 T1 19930915; DE 4000753 A1 19910718; DE 59002561 D1 19931007; JP 2968347 B2 19991025; JP H04270796 A 19920928

DOCDB simple family (application)
EP 90124345 A 19901215; AT 90124345 T 19901215; DE 4000753 A 19900112; DE 59002561 T 19901215; JP 116791 A 19910109