

Title (en)
Hydraulic fluid composition

Title (de)
Hydraulische Flüssigkeitszusammensetzung

Title (fr)
Composition de fluide hydraulique

Publication
EP 0617116 B1 19991215 (EN)

Application
EP 94301644 A 19940309

Priority
FR 9303342 A 19930317

Abstract (en)
[origin: EP0617116A1] The present invention relates to a hydraulic fluid composition having a high boiling point, in particular a high equilibrium reflux boiling point and a low viscosity. The composition contains, as additive, at least one ether amine having a molecular weight between 120 and 300 and having the following formula : <CHEM> in which R3 is linear or branched radical having at least one ether functional group and no alcohol functional group, R is a methyl radical or a hydrogen atom, p is an integer from 1 to 3 and q is an integer from 0 to 2.

IPC 1-7
C10M 133/08; **C10M 169/04**

IPC 8 full level
C10M 133/08 (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP)
C10M 105/18 (2013.01); **C10M 105/78** (2013.01); **C10M 107/34** (2013.01); **C10M 107/52** (2013.01); **C10M 133/08** (2013.01); **C10M 145/28** (2013.01); **C10M 145/36** (2013.01); **C10M 169/04** (2013.01); **C10M 169/044** (2013.01); **C10M 2201/08** (2013.01); **C10M 2201/081** (2013.01); **C10M 2201/082** (2013.01); **C10M 2201/084** (2013.01); **C10M 2207/024** (2013.01); **C10M 2207/0406** (2013.01); **C10M 2207/282** (2013.01); **C10M 2207/34** (2013.01); **C10M 2209/1033** (2013.01); **C10M 2209/104** (2013.01); **C10M 2209/1045** (2013.01); **C10M 2209/1055** (2013.01); **C10M 2209/1065** (2013.01); **C10M 2209/1075** (2013.01); **C10M 2209/108** (2013.01); **C10M 2209/1085** (2013.01); **C10M 2209/1095** (2013.01); **C10M 2215/042** (2013.01); **C10M 2215/22** (2013.01); **C10M 2215/221** (2013.01); **C10M 2215/225** (2013.01); **C10M 2215/226** (2013.01); **C10M 2215/30** (2013.01); **C10M 2217/028** (2013.01); **C10M 2217/06** (2013.01); **C10M 2223/041** (2013.01); **C10M 2227/061** (2013.01); **C10M 2227/0615** (2013.01); **C10M 2227/0625** (2013.01); **C10M 2229/003** (2013.01); **C10N 2040/08** (2013.01)

Cited by
CN113122357A; US7951757B2; WO2010053639A1; WO2013171052A1; WO2021213693A1; EP4056669A1; WO2022189047A1; US12012568B2; EP4130211A1; WO2023011801A1; US6558569B1; EP3929269A1; WO2021259514A1; US12012569B2

Designated contracting state (EPC)
BE DE ES FR GB IT NL PT SE

DOCDB simple family (publication)
EP 0617116 A1 19940928; **EP 0617116 B1 19991215**; DE 69422075 D1 20000120; DE 69422075 T2 20000406; ES 2141196 T3 20000316; FR 2702772 A1 19940923; FR 2702772 B1 19950428

DOCDB simple family (application)
EP 94301644 A 19940309; DE 69422075 T 19940309; ES 94301644 T 19940309; FR 9303342 A 19930317