

Title (en)
Traction drive fluid composition

Title (de)
Kraftübertragungs-Flüssigkeitszusammensetzung

Title (fr)
Composition de fluide de traction

Publication
EP 0748863 A2 19961218 (EN)

Application
EP 96109344 A 19960611

Priority
• JP 17023395 A 19950613
• JP 34989295 A 19951221

Abstract (en)
A traction drive fluid composition comprising the following component (A), <CHEM> wherein R1 to R10 are hydrogen, C1-C3 alkyl, or cyclohexyl, Q1 to Q4 are C1-C3 alkyl or cyclohexyl, and n1 to n4 are an integer from 0 to 5; component (B) which is a heat copolymer of a cyclopentadiene compound and a vinyl aromatic hydrocarbon compound or a hydrogenated product of thereof having a softening point of 40 DEG C or higher or a weight average molecular weight of 250 or larger; and, optionally, component (C) which is a compound with a viscosity smaller than that of component (A); a phosphorous compound; and a friction modifier. The composition exhibits a high traction coefficient over a wide temperature range and excellent friction characteristics required for a traction drive device.

IPC 1-7
C10M 169/04; C10M 171/00

IPC 8 full level
C10M 105/02 (2006.01); **C10M 105/04** (2006.01); **C10M 107/14** (2006.01); **C10M 111/04** (2006.01); **C10M 169/04** (2006.01); **C10M 171/00** (2006.01); **C10N 20/00** (2006.01); **C10N 20/02** (2006.01); **C10N 20/04** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP)
C10M 105/04 (2013.01); **C10M 127/02** (2013.01); **C10M 129/70** (2013.01); **C10M 133/06** (2013.01); **C10M 133/08** (2013.01); **C10M 133/12** (2013.01); **C10M 133/16** (2013.01); **C10M 133/44** (2013.01); **C10M 133/56** (2013.01); **C10M 135/10** (2013.01); **C10M 135/28** (2013.01); **C10M 137/02** (2013.01); **C10M 137/04** (2013.01); **C10M 143/06** (2013.01); **C10M 143/12** (2013.01); **C10M 169/044** (2013.01); **C10M 171/002** (2013.01); **C10M 2203/02** (2013.01); **C10M 2203/022** (2013.01); **C10M 2203/024** (2013.01); **C10M 2203/04** (2013.01); **C10M 2203/045** (2013.01); **C10M 2205/026** (2013.01); **C10M 2205/06** (2013.01); **C10M 2207/281** (2013.01); **C10M 2207/282** (2013.01); **C10M 2207/283** (2013.01); **C10M 2207/284** (2013.01); **C10M 2207/286** (2013.01); **C10M 2215/04** (2013.01); **C10M 2215/042** (2013.01); **C10M 2215/06** (2013.01); **C10M 2215/064** (2013.01); **C10M 2215/065** (2013.01); **C10M 2215/066** (2013.01); **C10M 2215/067** (2013.01); **C10M 2215/068** (2013.01); **C10M 2215/08** (2013.01); **C10M 2215/082** (2013.01); **C10M 2215/086** (2013.01); **C10M 2215/12** (2013.01); **C10M 2215/122** (2013.01); **C10M 2215/22** (2013.01); **C10M 2215/221** (2013.01); **C10M 2215/223** (2013.01); **C10M 2215/225** (2013.01); **C10M 2215/226** (2013.01); **C10M 2215/26** (2013.01); **C10M 2215/28** (2013.01); **C10M 2215/30** (2013.01); **C10M 2219/044** (2013.01); **C10M 2219/046** (2013.01); **C10M 2219/086** (2013.01); **C10M 2223/02** (2013.01); **C10M 2223/04** (2013.01); **C10M 2223/041** (2013.01); **C10M 2223/042** (2013.01); **C10M 2223/049** (2013.01); **C10M 2223/10** (2013.01)

Cited by
EP0949319A3; EP1391499A4; EP1118654A4; US10894930B2; CN113692438A; US10927321B2; WO2020186139A1; WO2007084207A1; US11384306B2; WO2020150123A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0748863 A2 19961218; EP 0748863 A3 19970730; JP 3425024 B2 20030707; JP H0959660 A 19970304

DOCDB simple family (application)
EP 96109344 A 19960611; JP 34989295 A 19951221