

Title (en)

Process for imparting fire resistance to a hydraulic system

Title (de)

Verfahren zur Verbesserung der Feuerbeständigkeit von Hydrauliksystemen.

Title (fr)

Procédé pour d'amélioration de la résistance au feu d'un système hydraulique

Publication

**EP 0547127 B1 19970924 (EN)**

Application

**EP 91916342 A 19910806**

Priority

- US 9105573 W 19910806
- US 57630190 A 19900831

Abstract (en)

[origin: WO9204428A1] The present invention relates to a hydraulic fluid composition comprising: (a) a polyalkylene glycol base fluid and (b) as an anti-mist additive, an alkylene-vinyl ester copolymer having a molecular weight of between about 5,000 and 100,000 and soluble in said base fluid. In another aspect, the present invention relates to a process for imparting flame retardancy and reduced wear characteristics to a hydraulic system which comprises adding to the hydraulic system the above-identified hydraulic fluid composition.

IPC 1-7

**C10M 169/04; C10M 107/34; C10N 40/08**

IPC 8 full level

**C09K 21/06** (2006.01); **C10M 169/04** (2006.01); **C10N 20/04** (2006.01); **C10N 30/00** (2006.01); **C10N 30/06** (2006.01); **C10N 40/08** (2006.01)

CPC (source: EP)

**C10M 107/34** (2013.01); **C10M 143/00** (2013.01); **C10M 145/04** (2013.01); **C10M 145/06** (2013.01); **C10M 169/041** (2013.01);  
**C10M 2205/00** (2013.01); **C10M 2205/02** (2013.01); **C10M 2207/123** (2013.01); **C10M 2207/129** (2013.01); **C10M 2207/22** (2013.01);  
**C10M 2209/00** (2013.01); **C10M 2209/02** (2013.01); **C10M 2209/04** (2013.01); **C10M 2209/06** (2013.01); **C10M 2209/062** (2013.01);  
**C10M 2209/10** (2013.01); **C10M 2209/1033** (2013.01); **C10M 2209/104** (2013.01); **C10M 2209/1045** (2013.01); **C10M 2209/105** (2013.01);  
**C10M 2209/1055** (2013.01); **C10M 2209/106** (2013.01); **C10M 2209/1065** (2013.01); **C10M 2209/107** (2013.01); **C10M 2209/1075** (2013.01);  
**C10M 2209/1085** (2013.01); **C10M 2209/1095** (2013.01); **C10M 2215/064** (2013.01); **C10M 2215/065** (2013.01); **C10M 2215/08** (2013.01);  
**C10M 2215/082** (2013.01); **C10M 2215/22** (2013.01); **C10M 2215/221** (2013.01); **C10M 2215/225** (2013.01); **C10M 2215/226** (2013.01);  
**C10M 2215/28** (2013.01); **C10M 2215/30** (2013.01); **C10M 2219/068** (2013.01); **C10M 2219/085** (2013.01); **C10M 2219/10** (2013.01);  
**C10M 2219/102** (2013.01); **C10M 2219/104** (2013.01); **C10M 2219/106** (2013.01); **C10M 2219/108** (2013.01); **C10M 2223/04** (2013.01);  
**C10M 2223/042** (2013.01); **C10M 2223/045** (2013.01); **C10N 2010/12** (2013.01); **C10N 2040/08** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**WO 9204428 A1 19920319**; AU 8530791 A 19920330; DE 69127754 D1 19971030; DE 69127754 T2 19980430; EP 0547127 A1 19930623;  
EP 0547127 A4 19931124; EP 0547127 B1 19970924; ES 2106085 T3 19971101; JP 3017803 B2 20000313; JP H06500587 A 19940120;  
KR 0157643 B1 19990218

DOCDB simple family (application)

**US 9105573 W 19910806**; AU 8530791 A 19910806; DE 69127754 T 19910806; EP 91916342 A 19910806; ES 91916342 T 19910806;  
JP 51561991 A 19910806; KR 930700584 A 19930226