

Title (en)

HYDRAULIC FLUIDS, CONTAINING CYCLIC CARBOXYLIC ACID DERIVATIVES

Title (de)

HYDRAULISCHE FLÜSSIGKEITEN, ENTHALTEND CYCLISCHE CARBONSÄUREDERIVATE

Title (fr)

LIQUIDES HYDRAULIQUES CONTENANT DES DERIVES CYCLIQUES D'ACIDE CARBOXYLIQUE

Publication

**EP 1171552 B1 20030618 (DE)**

Application

**EP 00922626 A 20000411**

Priority

- DE 19918199 A 19990422
- EP 0003230 W 20000411

Abstract (en)

[origin: US6783693B1] Hydraulic fluids, in particular brake fluids for motor vehicles, comprising from 0.01 to 50 wt % of one or more cyclic carboxylates, or cyclic carboxamides, which can carry a linear or branched C1-bis C20 alkyl group on the nitrogen atom.

IPC 1-7

**C10M 129/24**; **C10M 133/38**

IPC 8 full level

**C10M 105/34** (2006.01); **C10M 105/70** (2006.01); **C10M 129/20** (2006.01); **C10M 129/24** (2006.01); **C10M 129/70** (2006.01); **C10M 133/38** (2006.01); **C10M 133/44** (2006.01); **C10M 169/04** (2006.01); **C10N 30/02** (2006.01); **C10N 30/08** (2006.01); **C10N 30/10** (2006.01); **C10N 30/12** (2006.01); **C10N 40/08** (2006.01)

CPC (source: EP KR US)

**C10M 107/34** (2013.01 - EP US); **C10M 107/52** (2013.01 - EP US); **C10M 129/14** (2013.01 - EP US); **C10M 129/20** (2013.01 - EP US); **C10M 129/24** (2013.01 - KR); **C10M 133/08** (2013.01 - EP US); **C10M 133/32** (2013.01 - EP US); **C10M 133/38** (2013.01 - EP US); **C10M 133/44** (2013.01 - EP US); **C10M 145/26** (2013.01 - EP US); **C10M 169/044** (2013.01 - EP US); **C10M 2207/024** (2013.01 - EP US); **C10M 2207/044** (2013.01 - EP US); **C10M 2209/103** (2013.01 - EP US); **C10M 2209/1033** (2013.01 - EP US); **C10M 2209/104** (2013.01 - EP US); **C10M 2209/1045** (2013.01 - EP US); **C10M 2209/105** (2013.01 - EP US); **C10M 2209/1055** (2013.01 - EP US); **C10M 2209/106** (2013.01 - EP US); **C10M 2209/1065** (2013.01 - EP US); **C10M 2209/107** (2013.01 - EP US); **C10M 2209/1075** (2013.01 - EP US); **C10M 2209/1085** (2013.01 - EP US); **C10M 2209/1095** (2013.01 - EP US); **C10M 2215/042** (2013.01 - EP US); **C10M 2215/202** (2013.01 - EP US); **C10M 2215/22** (2013.01 - EP US); **C10M 2215/221** (2013.01 - EP US); **C10M 2215/223** (2013.01 - EP US); **C10M 2215/225** (2013.01 - EP US); **C10M 2215/226** (2013.01 - EP US); **C10M 2215/30** (2013.01 - EP US); **C10M 2227/061** (2013.01 - EP US); **C10M 2229/003** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP US)

C-Set (source: EP US)

**C10M 2215/223** + **C10M 2215/223**

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 6783693 B1 20040831**; AT E243248 T1 20030715; CA 2367913 A1 20001102; CA 2367913 C 20080108; DE 19918199 A1 20001026; DE 50002594 D1 20030724; EP 1171552 A1 20020116; EP 1171552 B1 20030618; ES 2202113 T3 20040401; JP 2002543238 A 20021217; KR 100660953 B1 20061226; KR 20020010606 A 20020204; PT 1171552 E 20031031; WO 0065001 A1 20001102

DOCDB simple family (application)

**US 95916001 A 20011018**; AT 00922626 T 20000411; CA 2367913 A 20000411; DE 19918199 A 19990422; DE 50002594 T 20000411; EP 0003230 W 20000411; EP 00922626 A 20000411; ES 00922626 T 20000411; JP 2000614340 A 20000411; KR 20017013231 A 20011017; PT 00922626 T 20000411