

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

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- 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)

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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)

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