

Title (en)
HYDRAULIC FLUID WITH IMPROVED PROPERTIES

Publication
EP 0028789 B1 19830831 (DE)

Application
EP 80106748 A 19801103

Priority
DE 2945094 A 19791108

Abstract (en)
[origin: US4371448A] A hydraulic fluid which substantially fulfils the specification DOT 5 is described. This hydraulic fluid essentially consists of (A) about 20 to 40% by weight of at least one boric acid ester obtained from orthoboric acid, diethylene glycol and an ethylene glycol monoalkyl ether; (B) 30 to 60% by weight of at least one ethylene glycol monoalkyl ether; (C) 10 to 40% by weight of at least one bis-(ethylene glycol monoalkyl ether)-formal; (D) 0.1 to 5% by weight of at least one alkylamine; and (E) 0.05 to 5% by weight of at least one stabilizer and/or inhibitor; the percentages by weight in each case being relative to the total weight of the fluid.

IPC 1-7
C10M 3/48

IPC 8 full level
C10M 111/04 (2006.01); **C10M 169/04** (2006.01); **C10N 30/02** (2006.01); **C10N 40/08** (2006.01)

CPC (source: EP US)
C10M 105/78 (2013.01 - EP US); **C10M 107/34** (2013.01 - EP US); **C10M 111/04** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 2207/023** (2013.01 - EP US); **C10M 2207/025** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/125** (2013.01 - EP US); **C10M 2207/129** (2013.01 - EP US); **C10M 2209/1033** (2013.01 - EP US); **C10M 2209/1045** (2013.01 - EP US); **C10M 2209/1055** (2013.01 - EP US); **C10M 2209/1065** (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 2215/04** (2013.01 - EP US); **C10M 2215/042** (2013.01 - EP US); **C10M 2215/065** (2013.01 - EP US); **C10M 2215/22** (2013.01 - EP US); **C10M 2215/221** (2013.01 - EP US); **C10M 2215/225** (2013.01 - EP US); **C10M 2215/226** (2013.01 - EP US); **C10M 2215/26** (2013.01 - EP US); **C10M 2215/30** (2013.01 - EP US); **C10M 2219/108** (2013.01 - EP US); **C10M 2223/04** (2013.01 - EP US); **C10M 2223/042** (2013.01 - EP US); **C10M 2227/061** (2013.01 - EP US); **C10M 2227/0615** (2013.01 - EP US); **C10M 2227/062** (2013.01 - EP US); **C10M 2227/0625** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP US)

C-Set (source: EP US)
1. **C10M 2209/1033 + C10M 2209/1033**
2. **C10M 2209/1045 + C10M 2209/1045**
3. **C10M 2209/1055 + C10M 2209/1055**
4. **C10M 2209/1065 + C10M 2209/1065**
5. **C10M 2209/1075 + C10M 2209/1075**
6. **C10M 2209/1085 + C10M 2209/1085**
7. **C10M 2209/1095 + C10M 2209/1095**

Cited by
EP0323163A1; EP0454110A1; CZ299651B6; KR100861969B1; WO02081604A1

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