

Title (en)  
WATER-BASED HYDRAULIC FLUID.

Title (de)  
AUF WASSER BASIERENDES HYDRAULISCHES FLUIDUM.

Title (fr)  
FLUIDE HYDRAULIQUE A BASE D'EAU.

Publication  
**EP 0148215 A4 19860923 (EN)**

Application  
**EP 84902420 A 19840608**

Priority  
US 50883183 A 19830629

Abstract (en)  
[origin: GB2152529A] Water-based hydraulic fluid for use in industrial hydraulic systems comprising (1) a polyether-based thickener, (2) a lubricant modifier (3) a dispersant, (4) an EP additive, and (5) water. Preferably, the thickener is a polyether polyol capped with an alpha olefin oxide; the lubricant modifier is a combination of a hydrocarbon oil, a fatty alcohol and a glycol; the dispersant is the reaction product of an alkenyl succinic anhydride and a dialkyl alkanolamine, and the EP additive is a dialkyl dithiophosphate.

IPC 1-7  
**C10M 3/04**

IPC 8 full level  
**C10M 119/18** (2006.01); **C10M 173/00** (2006.01); **C10M 133/56** (2006.01); **C10M 135/18** (2006.01); **C10M 137/10** (2006.01); **C10M 173/02** (2006.01); **C10N 30/00** (2006.01); **C10N 30/06** (2006.01); **C10N 40/08** (2006.01)

CPC (source: EP KR US)  
**C10M 173/00** (2013.01 - EP); **C10M 173/02** (2013.01 - EP KR US); **C10M 2201/02** (2013.01 - EP); **C10M 2205/00** (2013.01 - EP); **C10M 2207/021** (2013.01 - EP); **C10M 2207/125** (2013.01 - EP); **C10M 2207/129** (2013.01 - EP); **C10M 2207/281** (2013.01 - EP); **C10M 2207/282** (2013.01 - EP); **C10M 2207/283** (2013.01 - EP); **C10M 2207/286** (2013.01 - EP); **C10M 2207/34** (2013.01 - EP); **C10M 2207/40** (2013.01 - EP); **C10M 2207/404** (2013.01 - EP); **C10M 2209/103** (2013.01 - EP); **C10M 2209/104** (2013.01 - EP); **C10M 2209/105** (2013.01 - EP); **C10M 2209/107** (2013.01 - EP); **C10M 2209/108** (2013.01 - EP); **C10M 2215/042** (2013.01 - EP); **C10M 2215/08** (2013.01 - EP); **C10M 2215/082** (2013.01 - EP); **C10M 2215/22** (2013.01 - EP); **C10M 2215/221** (2013.01 - EP); **C10M 2215/225** (2013.01 - EP); **C10M 2215/226** (2013.01 - EP); **C10M 2215/28** (2013.01 - EP); **C10M 2215/30** (2013.01 - EP); **C10M 2219/044** (2013.01 - EP); **C10M 2219/068** (2013.01 - EP); **C10M 2223/045** (2013.01 - EP); **C10M 2229/02** (2013.01 - EP); **C10M 2229/05** (2013.01 - EP); **C10N 2010/02** (2013.01 - EP); **C10N 2010/04** (2013.01 - EP); **C10N 2010/10** (2013.01 - EP); **C10N 2010/12** (2013.01 - EP); **C10N 2010/14** (2013.01 - EP KR US); **C10N 2020/01** (2020.05 - EP); **C10N 2040/08** (2013.01 - EP); **C10N 2050/01** (2020.05 - EP)

Citation (search report)  
• [Y] US 4312768 A 19820126 - NASSRY ASSADULLAH, et al  
• [Y] US 4210541 A 19800701 - MANN JAMES T [US]  
• See also references of WO 8500182A1

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**GB 2152529 A 19850807**; **GB 2152529 B 19861119**; **GB 8503919 D0 19850320**; AU 3064684 A 19850125; AU 555383 B1 19860918; BR 8406955 A 19850604; CA 1242431 A 19880927; DE 3484057 D1 19910307; EP 0148215 A1 19850717; EP 0148215 A4 19860923; EP 0148215 B1 19910130; IT 1177846 B 19870826; IT 8448470 A0 19840628; JP H0794673 B2 19951011; JP S60501657 A 19851003; KR 850000516 A 19850227; KR 910010135 B1 19911217; WO 8500182 A1 19850117

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