

Title (en)

WATER-BASED HYDRAULIC FLUID

Publication

EP 0148215 B1 19910130 (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 173/02

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)

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Cited by

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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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