

Title (en)  
WATER-BASED HYDRAULIC FLUID.

Title (de)  
AUF WASSER BASIERENDES HYDRAULISCHES FLUIDUM.

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

Publication  
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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.

Abstract (fr)  
Fluide hydraulique à base d'eau destiné à être utilisé dans des systèmes hydrauliques industriels comportant 1) un épaississant à base de polyéther, 2) un modificateur lubrifiant, 3) un dispersant, 4) un additif d'extrême pression (EP) et 5) de l'eau. L'épaississant est de préférence un polyéther polyol coiffé d'un oxyde d'alpha oléfine; le modificateur lubrifiant est une combinaison d'une huile d'hydrocarbure, d'un alcool gras et d'un glycol; le dispersant est le produit de réaction d'un anhydride succinique d'alcénile et d'une alcanolamine de dialcoyle; l'additif d'extrême pression (EP) est un dithiophosphate de dialcoyle.

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IPC 8 full level  
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