

Title (en)

Beta-dithiophosphorilated propionic acid in lubricants

Title (de)

Beta-Dithiophosphorylierte Propionsäure in Schmierstoffen

Title (fr)

Des lubrifiants contenant un acide propionique bêta-dithiophosphorylé

Publication

EP 0819754 B1 20010425 (DE)

Application

EP 97810446 A 19970707

Priority

CH 176996 A 19960715

Abstract (en)

[origin: EP0819754A1] Composition comprises: (A) a lubricant or fuel, metal processing fluid or hydraulic fluid; (B) a compound of formula (I) (where, R1 and R2 = 3-18C alkyl, 5-12C cycloalkyl, 5-6C cycloalkylmethyl, 9-10C bicycloalkylmethyl, 9-10C tricycloalkylmethyl, phenyl, 7-24C alkylphenol or together are a group of formula (CH3)2C(CH2)2; and R3 = H or methyl; and optionally (C) further usual additives. Also claimed is a process for improving the properties of lubricants, hydraulic fluids or metal processing fluids by adding the above composition (I).

IPC 1-7

C10M 137/10; **C10L 1/26**

IPC 8 full level

C10L 1/10 (2006.01); **C10L 1/26** (2006.01); **C10L 10/08** (2006.01); **C10M 137/10** (2006.01); **C10M 169/00** (2006.01); **C10L 1/12** (2006.01); **C10L 1/16** (2006.01); **C10L 1/18** (2006.01); **C10L 1/20** (2006.01); **C10L 1/22** (2006.01); **C10L 1/24** (2006.01); **C10L 1/28** (2006.01); **C10N 30/06** (2006.01); **C10N 40/08** (2006.01); **C10N 40/20** (2006.01); **C10N 50/10** (2006.01)

CPC (source: EP KR US)

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Cited by

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