

Title (en)

Antiwear enhancing composition for lubricants and functional fluids

Title (de)

Verschleisschutzverbessernde Zusammensetzungen für Schmierstoffe und funktionelle Flüssigkeiten

Title (fr)

Composition améliorant d'effet anti-usure pour lubrifiants et fluides fonctionnels

Publication

EP 0769546 B1 20030730 (EN)

Application

EP 96307547 A 19961017

Priority

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- US 68221796 A 19960717

Abstract (en)

[origin: EP0769546A2] This invention relates to a composition, comprising: (A) a boron-containing overbased material; (B) a phosphorus acid, ester or derivative thereof; and (C) a borated epoxide or borated fatty acid ester of glycerol. In one embodiment the inventive composition further comprises (D) a thiocarbamate. These compositions are useful in providing lubricants and functional fluids, particularly automatic transmission fluids, with enhanced antiwear properties. In one embodiment these compositions also provide such lubricants and functional fluids with enhanced extreme-pressure and/or friction-modifying.

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IPC 8 full level

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