

Title (en)

BORON-CONTAINING HETEROCYCLIC COMPOUNDS AND LUBRICATING OILS CONTAINING SAME.

Title (de)

BOR ENTHALTENDE HETEROCYCLISCHE VERBINDUNGEN UND SCHMIERÖLE DIE DIESE ENTHALTEN.

Title (fr)

COMPOSES HETEROCYCLIQUES CONTENANT DU BORE ET HUILES DE GRAISSAGE CONTENANT LESDITS COMPOSES.

Publication

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Application

EP 83902871 A 19830822

Priority

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- US 47651383 A 19830318

Abstract (en)

[origin: WO8401169A1] Certain boron-containing, heterocyclic compounds which impart extreme pressure, anti-wear and friction reducing properties to lubricating oils. Such lubricating oils may be further provided with a hydrocarbon polysulfide derivative of 2, 5-dimercapto -1, 3, 4-thiodiazole as a copper corrosion inhibitor, or terephthalic acid as a lead corrosion inhibitor, or either an alkylated diphenyl amine, a bis (dithio-benzil) metal derivative, a sulfur bridged, bis hindered phenol or an alkyl or dialkyl diphenylamine as an oxidation inhibitor or a mixture thereof.

Abstract (fr)

Sont décrits certains composés hétérocycliques contenant du bore conférant une extrême pression, ainsi que des propriétés de résistance à l'usure et de réduction du frottement aux huiles de graissage. On peut en outre doter de telles huiles de graissage d'un dérivé de polysulfure d'hydrocarbure de 2,5-dimercapto-1,3,4-thiodiazole comme inhibiteur de la corrosion du cuivre, ou d'acide téréphtalique comme inhibiteur de la corrosion du plomb, ou alors d'une diphenylamine alcoylée, d'un dérivé bis(dithio-benzyle) métallique, d'un phénol doublement entravé avec pont de soufre ou d'une diphenylamine d'alcoyle ou de dialkyl comme inhibiteur d'oxydation ou d'un mélange de ceux-ci.

IPC 1-7

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IPC 8 full level

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