

Title (en)
STABILIZED LUBRICANTS ON THE BASIS OF A POLYETHER

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Application
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DE 3444884 A 19841208

Abstract (en)
[origin: US4627929A] Stabilized lubricants based on polyethers containing diphenylamine derivatives of the formula <IMAGE> in which R1 denotes hydrogen, a straight-chain or branched C4 to C12-alkyl group, a straight-chain or branched C4 to C12-alkylene group, a C7 to C12-aralkyl group, a C7 to C12-aralkylene group, a C5 to C12-cycloalkyl group which is optionally substituted by C1 to C6-alkyl, -alkenyl, -cycloalkyl or -cycloalkenyl, or a C5 to C12-cycloalkenyl group which is optionally substituted by C1 to C6-alkyl, -alkenyl or -cycloalkenyl, but does not denote a hydrocarbon group derived from a terpene, in the ortho- or para-position relative to the particular N atom, n represents an integer from 1 to 29 and Y represents a bifunctional radical -A- and optionally additionally a bifunctional radical -B-, in each case in the ortho- or para-position relative to the N atoms, wherein -A- denotes a straight-chain or branched C4 to C12-alkylene radical, a C7 to C12-aralkylene radical, or a C5 to C12-cycloalkylene radical which is optionally substituted by C1 to C6-alkyl or -cycloalkyl, but does not denote a hydrocarbon radical derived from a terpene, and -B- denotes -S- or <IMAGE> wherein R2 represents hydrogen, C1 to C6-alkyl or C5 to C6-cycloalkyl, and wherein -B- makes up an amount of 0 to 50 mol % of Y, and if appropriate other additives.

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