

Title (en)
TETRAHYDROQUINOLINE AS AN ANTIOXIDANT FOR LUBRICANTS

Publication
EP 0072349 A3 19840725 (DE)

Application
EP 82810325 A 19820804

Priority
CH 513081 A 19810810

Abstract (en)
[origin: CA1199623A] Tetrahydroquinolines as antioxidants for lubricants Lubricants can be rendered more resistant to oxidation with the aid of compounds of the formula I < IMG > (I) wherein R1 and R2 independently of one another are each hydrogen, hydroxyl, C1-C18-alkoxy, C3-C4-alkenyloxy, benzyloxy, C1-C18-alkyl or benzyl, R2 is hydrogen or C1-C12-alkyl, or together with R2 it forms a butadienediyl group, and R4 independently of one another are each C1-C18- alkyl, phenyl or benzyl, or R3 and R4 together with the carbon atom to which they are bound form a C5-C12-spiro-cycloalkyl ring, R5 is hydrogen or C1-C18-alkyl, and R6 is C1-C18-alkyl, or R5 and R6 together with the two carbon atom to which they are bound are a C5-C12 cycloaliphatic group. In a preferred embodiment, these compounds are combined with a customary phenolic antioxidant.

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IPC 8 full level
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