

Title (en)

Amino compounds and use of amino compounds as antioxydant in lubricating oils.

Title (de)

Aminoverbindungen und Verwendung von Aminoverbindungen als Antioxydationsmittel in Schmierölen.

Title (fr)

Composés amino et utilisation des composés amino comme antioxydant dans des huiles lubrifiantes.

Publication

**EP 0022281 A1 19810114 (EN)**

Application

**EP 80200511 A 19800530**

Priority

US 4399679 A 19790531

Abstract (en)

An antioxidant for lubricating oils comprising an amine compound selected from substituted benzylamines or a substituted 1-amino- 1,2,3,4-tetrahydro-naphthalene. The preferred antioxidants are N-(alpha -methyl -p -octylbenzyl) aniline, N-(alphamethylbenzyl)- p -nonylaniline or 1-( p - dodecylanilino)-1,2,3,4- tetrahydronaphthalene.

IPC 1-7

**C10M 3/28**; C09K 15/18; C09K 15/20; C09K 15/24

IPC 8 full level

**C10M 133/32** (2006.01); **C10M 133/12** (2006.01); **C10M 133/14** (2006.01); **C10N 30/10** (2006.01)

CPC (source: EP)

**C10M 133/12** (2013.01); **C10M 133/14** (2013.01); **C10M 2205/02** (2013.01); **C10M 2207/16** (2013.01); **C10M 2215/042** (2013.01); **C10M 2215/06** (2013.01); **C10M 2215/062** (2013.01)

Citation (search report)

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- CHEMICAL ABSTRACTS, Vol. 63, No. 4, August 16, 1965, Abstract 4191c, Columbus, Ohio, USA G.F. BEBIKH et al. "Synthesis of N-substituted aromatic amines". & Dokl. Akad. Nauk SSSR 161(6), 1333-5 (1965) \* Abstract \*
- CHEMICAL ABSTRACTS, Vol. 60, No. 12, June 8, 1974, Abstract 14429h, Columbus, Ohio, USA & SU - A - 159 858 (14-01-1964) \* Abstract \*
- TETRAHEDRON LETTERS, No. 11, 1972, Pergamon Press, GB G. ALVERNHE: "Obtention d'amines primaires par action d'organo- magnésien sur l'acetoxime". pages 1007-1010. \* Page 1008, table 1; page 109, paragraph 3 \*

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Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

**EP 0022281 A1 19810114**; **EP 0022281 B1 19830914**; BR 8003141 A 19801223; CA 1138472 A 19821228; DE 3064808 D1 19831020; JP H0144276 B2 19890926; JP S55161894 A 19801216

DOCDB simple family (application)

**EP 80200511 A 19800530**; BR 8003141 A 19800520; CA 334239 A 19790822; DE 3064808 T 19800530; JP 7364580 A 19800531