

Title (en)

AMINO COMPOUNDS AND USE OF AMINO COMPOUNDS AS ANTIOXYDANT IN LUBRICATING OILS

Publication

EP 0022281 B1 19830914 (EN)

Application

EP 80200511 A 19800530

Priority

US 4399679 A 19790531

Abstract (en)

[origin: EP0022281A1] 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)

Cited by

US6323370B1; US7501386B2

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