

Title (en)

METHOD OF MANUFACTURING ALKYLATED PHENYLNAPHTHYLAMINE COMPOSITIONS; AND PRODUCTS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ALKYLIIERTEN PHENYLNAPHTHYLAMINE UND DARAUS HERGESTELLTE PRODUKTE

Title (fr)

PROCEDE DE PREPARATION DE COMPOSITIONS DE PHENYLNAPHTHYLAMINES ALKYLEES ET PRODUITS

Publication

**EP 1216224 A2 20020626 (EN)**

Application

**EP 00959963 A 20000907**

Priority

- US 0024500 W 20000907
- US 40932799 A 19990930

Abstract (en)

[origin: WO0123343A2] A method for manufacturing an alkylated phenylnaphthylamine composition includes alkylating nonalkylated phenylnaphthylamine with olefin in the presence of clay catalyst without subsequent removal of nonalkylated phenylnaphthylamine and polyalkylated phenylnaphthylamine. Suitable nonalkylated phenylnaphthylamines include N-phenyl-1-naphthylamine, its derivatives, and mixtures thereof. The alkylated phenylnaphthylamine compositions can be used in antioxidant and lubricant compositions.

IPC 1-7

**C07C 209/60**; **C10M 133/12**

IPC 8 full level

**C07C 209/60** (2006.01); **C10M 133/12** (2006.01); **C07C 211/58** (2006.01)

CPC (source: EP)

**C07C 209/60** (2013.01); **C10M 133/12** (2013.01); **C10M 2215/065** (2013.01)

Citation (search report)

See references of WO 0123343A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0123343 A2 20010405**; **WO 0123343 A3 20011129**; AU 7119300 A 20010430; BR 0014367 A 20020611; CA 2382802 A1 20010405; CZ 20021049 A3 20020717; EP 1216224 A2 20020626; MX PA02003261 A 20020930

DOCDB simple family (application)

**US 0024500 W 20000907**; AU 7119300 A 20000907; BR 0014367 A 20000907; CA 2382802 A 20000907; CZ 20021049 A 20000907; EP 00959963 A 20000907; MX PA02003261 A 20000907