

Title (en)  
LUBRICANT COMPOSITION

Title (de)  
SCHMIERSTOFFZUSAMMENSETZUNG

Title (fr)  
COMPOSITION LUBRIFIANTE

Publication  
**EP 1930400 A4 20090218 (EN)**

Application  
**EP 06810740 A 20060928**

Priority  
• JP 2006319293 W 20060928  
• JP 2005284217 A 20050929

Abstract (en)  
[origin: EP1930400A1] The present invention provides a lubricating composition, particularly a grease composition and a lubricating oil composition, containing an aralkylated diphenylamine and a phenol compound having a molecular weight of not less than 340 which are compounded into a base oil. The lubricating composition is hardly decomposed or volatilized even at high temperatures and has a long oxidation life so that the lubricating characteristics thereof can be maintained for a long period of time.

IPC 8 full level  
**C10M 141/06** (2006.01); **C10M 115/08** (2006.01); **C10M 117/00** (2006.01); **C10M 129/10** (2006.01); **C10M 129/14** (2006.01); **C10M 129/76** (2006.01); **C10M 133/12** (2006.01); **C10M 169/06** (2006.01); **C10N 20/00** (2006.01); **C10N 20/04** (2006.01); **C10N 30/06** (2006.01); **C10N 30/08** (2006.01); **C10N 30/10** (2006.01); **C10N 40/00** (2006.01); **C10N 40/02** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 50/10** (2006.01)

CPC (source: EP US)  
**C10M 141/06** (2013.01 - EP US); **C10M 169/06** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2205/0285** (2013.01 - EP US); **C10M 2207/022** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/106** (2013.01 - EP US); **C10M 2207/1285** (2013.01 - EP US); **C10M 2207/1426** (2013.01 - EP US); **C10M 2207/283** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2215/006** (2013.01 - EP US); **C10M 2215/064** (2013.01 - EP US); **C10M 2215/065** (2013.01 - EP US); **C10M 2215/1026** (2013.01 - EP US); **C10M 2215/223** (2013.01 - EP US); **C10M 2219/046** (2013.01 - EP US); **C10M 2229/041** (2013.01 - EP US); **C10N 2020/00** (2013.01 - EP US); **C10N 2020/04** (2013.01 - EP US); **C10N 2030/00** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/08** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US); **C10N 2030/74** (2020.05 - EP US); **C10N 2040/00** (2013.01 - EP US); **C10N 2040/02** (2013.01 - EP US); **C10N 2040/04** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP US); **C10N 2050/10** (2013.01 - EP US)

Citation (search report)  
• [X] EP 0994175 A2 20000419 - ETHYL CORP [US]  
• [A] US 3944492 A 19760316 - WHEELER EDWARD L  
• [X] US 5840672 A 19981124 - GATTO VINCENT JAMES [US]  
• [A] EP 1529830 A1 20050511 - CHEVRON ORONITE SA [FR]  
• [A] WO 2004074412 A2 20040902 - SHELL INT RESEARCH [NL], et al & JP 2000119675 A 20000425 - ETHYL CORP & JP H11228981 A 19990824 - ETHYL CORP  
• [Y] DATABASE WPI Week 200124, Derwent World Patents Index; AN 2001-229188, XP002504321  
• [Y] DATABASE WPI Week 199718, Derwent World Patents Index; AN 1997-197418, XP002504339  
• See references of WO 2007037322A1

Cited by  
WO2013017528A1

Designated contracting state (EPC)  
DE FR

DOCDB simple family (publication)  
**EP 1930400 A1 20080611**; **EP 1930400 A4 20090218**; **EP 1930400 B1 20110803**; CN 101278036 A 20081001; CN 101278036 B 20110420; JP 5249584 B2 20130731; JP WO2007037322 A1 20090409; US 2009170738 A1 20090702; WO 2007037322 A1 20070405

DOCDB simple family (application)  
**EP 06810740 A 20060928**; CN 200680036415 A 20060928; JP 2006319293 W 20060928; JP 2007537673 A 20060928; US 8860606 A 20060928