

Title (en)
LUBRICANT COMPOSITION CONTAINING ALKALI METAL BORATE AND POLYALKYLENE SUCCINIC ANHYDRIDE

Title (de)
ALKALIMETALBORAT UND POLYALKYLEN BERNSTEINSÄUREANHYDRID ENTHALTENDE SCHMIERMITTELZUSAMMENSETZUNG

Title (fr)
COMPOSITION LUBRIFIANTE RENFERMANT UN BORATE DE METAL ALCALIN ET UN ANHYDRIDE SUCCINIQUE DE POLYALKYLENE

Publication
EP 1088048 A1 20010404 (EN)

Application
EP 00919560 A 20000323

Priority

- US 0007699 W 20000323
- US 29262799 A 19990415

Abstract (en)
[origin: WO0063324A1] A lubricant composition having a base oil of lubricating viscosity, a dispersed hydrated alkali metal borate, and a polyalkylene succinic anhydride or non-nitrogen derivative thereof.

IPC 1-7
C10M 141/02

IPC 8 full level
C10M 169/04 (2006.01); **C10M 125/00** (2006.01); **C10M 125/10** (2006.01); **C10M 125/20** (2006.01); **C10M 125/24** (2006.01); **C10M 125/26** (2006.01); **C10M 129/93** (2006.01); **C10M 133/56** (2006.01); **C10M 135/10** (2006.01); **C10M 141/02** (2006.01); **C10M 159/24** (2006.01); **C10N 10/02** (2006.01); **C10N 10/04** (2006.01); **C10N 10/06** (2006.01); **C10N 10/08** (2006.01); **C10N 10/10** (2006.01); **C10N 10/12** (2006.01); **C10N 30/00** (2006.01); **C10N 30/04** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP US)
C10M 125/10 (2013.01 - EP); **C10M 125/22** (2013.01 - EP); **C10M 125/26** (2013.01 - EP); **C10M 129/93** (2013.01 - EP); **C10M 141/02** (2013.01 - EP US); **C10M 2201/062** (2013.01 - EP US); **C10M 2201/065** (2013.01 - EP US); **C10M 2201/066** (2013.01 - EP US); **C10M 2201/084** (2013.01 - EP US); **C10M 2201/087** (2013.01 - EP US); **C10M 2201/10** (2013.01 - EP US); **C10M 2201/102** (2013.01 - EP US); **C10M 2201/105** (2013.01 - EP US); **C10M 2207/129** (2013.01 - EP US)

Citation (search report)
See references of WO 0063324A1

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
WO 0063324 A1 20001026; AU 4022200 A 20001102; CA 2335080 A1 20001026; EP 1088048 A1 20010404; JP 2002542377 A 20021210; US 2002147115 A1 20021010

DOCDB simple family (application)
US 0007699 W 20000323; AU 4022200 A 20000323; CA 2335080 A 20000323; EP 00919560 A 20000323; JP 2000612404 A 20000323; US 96707301 A 20010928