

Title (en)
Lubricant and its use.

Title (de)
Schmiermittel und Anwendung desselben.

Title (fr)
Lubrifiant et utilisation de celui-ci.

Publication
EP 0205995 A2 19861230 (DE)

Application
EP 86107408 A 19860531

Priority
DE 3522165 A 19850621

Abstract (en)
Base oils can be substantially improved with respect to their oxidation stability and heat stability by the addition of additive combinations consisting of organic phosphates and organic phosphites as well as, if appropriate, silicones. <??>These lubricants are particularly suitable for refrigeration machines, heat pumps and similar installations, such as air-conditioning units. They can also be used as compressor oils and hydraulic oils.

Abstract (de)
Grundöle lassen sich durch Zusatz von Additiv-Kombinationen bestehend aus organischen Phosphaten und organischen Phosphiten sowie ggf. Siliconen hinsichtlich ihrer Oxidations- und Wärmestabilität wesentlich verbessern. Diese Schmiermittel sind besonders geeignet für Kältemaschinen, Wärmepumpen und verwandte Anlagen, wie Klimaanlage. Sie sind weiterhin auch als Kompressoren- und Hydrauliköle einsetzbar.

IPC 1-7
C10M 137/02; **C10M 137/04**; **C10M 161/00**; **C10M 169/04**

IPC 8 full level
C10M 137/02 (2006.01); **C10M 137/04** (2006.01); **C10M 161/00** (2006.01); **C10M 169/04** (2006.01); **C10M 171/00** (2006.01); **C10N 30/06** (2006.01); **C10N 30/08** (2006.01); **C10N 30/10** (2006.01); **C10N 30/18** (2006.01); **C10N 40/30** (2006.01)

CPC (source: EP US)
C10M 101/02 (2013.01 - EP US); **C10M 105/06** (2013.01 - EP US); **C10M 107/02** (2013.01 - EP US); **C10M 137/04** (2013.01 - EP US); **C10M 155/02** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 169/044** (2013.01 - EP US); **C10M 171/008** (2013.01 - EP US); **C10M 2203/06** (2013.01 - EP US); **C10M 2203/065** (2013.01 - EP US); **C10M 2203/1006** (2013.01 - EP US); **C10M 2203/1025** (2013.01 - EP US); **C10M 2203/1045** (2013.01 - EP US); **C10M 2203/1065** (2013.01 - EP US); **C10M 2203/1085** (2013.01 - EP US); **C10M 2205/00** (2013.01 - EP US); **C10M 2205/028** (2013.01 - EP US); **C10M 2223/04** (2013.01 - EP US); **C10M 2223/041** (2013.01 - EP US); **C10M 2223/042** (2013.01 - EP US); **C10M 2229/041** (2013.01 - EP US); **C10N 2040/06** (2013.01 - EP US)

Cited by
EP0693546A1; EP0336171A1; EP0384724A1; US6207071B1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 5049292 A 19910917; AT E71651 T1 19920215; BR 8602797 A 19870210; DE 3522165 C1 19861030; DE 3683409 D1 19920227; EP 0205995 A2 19861230; EP 0205995 A3 19871014; EP 0205995 B1 19920115; JP S61296093 A 19861226

DOCDB simple family (application)
US 37168889 A 19890623; AT 86107408 T 19860531; BR 8602797 A 19860616; DE 3522165 A 19850621; DE 3683409 T 19860531; EP 86107408 A 19860531; JP 14312086 A 19860620