

Title (en)
Lubricant

Title (de)
Schmiermittel

Title (fr)
Lubrifiant

Publication
EP 0798366 A2 19971001 (DE)

Application
EP 97102997 A 19970225

Priority
DE 19611466 A 19960325

Abstract (en)
Use of benzene compounds of formula (I) as lubricant is new. In (I), 4-6 of the substituents X1-X6 = SR, SO2R or SOR, and the remaining substituents are H, Cl, F, OH, SH, R, OR, COOR or OOCR; R = optionally F-substituted 1-18C alkyl; and in this residue, ≥ 1 CH2 group can be replaced by O or S, so that O atoms are not directly connected to each other.

Abstract (de)
Die Verwendung der Verbindungen der allgemeinen Formel I <IMAGE> worin 4,5 oder 6 der Substituenten X1 bis X6 -SR, -SO2R oder -SOR und die übrigen Substituenten -H, -Cl, -F, -OH, -SH, -R, -OR, -COOR oder -OOCR sein können, Schmiermittel führt zu geringen Reibungsverlusten als in Getrieben und Maschinenlagern.

IPC 1-7
C10M 135/28

IPC 8 full level
C10M 105/72 (2006.01); **C10M 169/04** (2006.01)

CPC (source: EP US)
C10M 105/72 (2013.01 - EP US); **C10M 125/02** (2013.01 - EP US); **C10M 125/22** (2013.01 - EP US); **C10M 129/10** (2013.01 - EP US); **C10M 137/10** (2013.01 - EP US); **C10M 147/02** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 2201/041** (2013.01 - EP US); **C10M 2201/042** (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 2207/023** (2013.01 - EP US); **C10M 2207/026** (2013.01 - EP US); **C10M 2207/027** (2013.01 - EP US); **C10M 2207/125** (2013.01 - EP US); **C10M 2211/06** (2013.01 - EP US); **C10M 2213/02** (2013.01 - EP US); **C10M 2213/062** (2013.01 - EP US); **C10M 2219/003** (2013.01 - EP US); **C10M 2219/021** (2013.01 - EP US); **C10M 2219/04** (2013.01 - EP US); **C10M 2219/0406** (2013.01 - EP US); **C10M 2219/0463** (2013.01 - EP US); **C10M 2219/061** (2013.01 - EP US); **C10M 2219/081** (2013.01 - EP US); **C10M 2219/084** (2013.01 - EP US); **C10M 2219/085** (2013.01 - EP US); **C10M 2219/087** (2013.01 - EP US); **C10M 2219/089** (2013.01 - EP US); **C10M 2219/101** (2013.01 - EP US); **C10M 2223/045** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2010/04** (2013.01 - EP US)

Cited by
US6548462B1; WO0026184A1; WO2019133408A1; WO2019133409A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0798366 A2 19971001; **EP 0798366 A3 19980902**; DE 19611466 A1 19971002; US 5866522 A 19990202

DOCDB simple family (application)
EP 97102997 A 19970225; DE 19611466 A 19960325; US 81860297 A 19970314