

Title (en)  
LUBRICATING GREASE HAVING A HIGH WATER-RESISTANCE

Title (de)  
SCHMIERFETT MIT HOHER WASSERRESISTENZ

Title (fr)  
GRAISSE DE LUBRIFICATION AYANT UNE GRANDE RESISTANCE A L'EAU

Publication  
**EP 1753847 A1 20070221 (DE)**

Application  
**EP 05701058 A 20050120**

Priority

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- US 83486104 A 20040430

Abstract (en)  
[origin: US2005245406A1] The present invention relates to lubricating greases comprising at least one thickening agent and at least one lubricating oil, wherein the lubricating grease contains at least one polymeric structure improver that can be obtained by polymerization of monomer compositions, which are composed of a) 0 to 40 wt %, relative to the weight of the monomer compositions for synthesis of the polymeric structure improvers, of at least one (meth)acrylate of formula (I) in which R represents hydrogen or methyl, R<SUP>1 </SUP>denotes a straight-chain or branched alkyl moiety having 1 to 5 carbon atoms, b) 40 to 99.99 wt %, relative to the weight of the monomer compositions for synthesis of the polymeric structure improvers, of at least one (meth)acrylate of formula (II) in which R represents hydrogen or methyl, R<SUP>2 </SUP>denotes a straight-chain or branched alkyl moiety having 6 to 30 carbon atoms, c) 0.01 to 20 wt %, relative to the weight of the monomer compositions for synthesis of the polymeric structure improvers, of monomers containing acid groups or salts thereof, d) 0 to 59.99 wt %, relative to the weight of the monomer compositions for synthesis of the polymeric structure improvers, of comonomer.

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