

Title (en)  
Lubricant additive

Title (de)  
Schmierstoffadditive

Title (fr)  
Additif pour lubrifiants

Publication  
**EP 0744457 B1 20030924 (DE)**

Application  
**EP 96107578 A 19960513**

Priority  
DE 19518786 A 19950522

Abstract (en)  
[origin: EP0744457A2] Lubricating oil additive contains an amt. of graft polymers with a VI improving action. The graft polymers (PFP) are made up of polyalkylmethacrylate macromonomers (A) in amts. of 10-90 wt.%, which are copolymerised with alkyl(meth)acrylic acid esters (AMA) contg. 6-30C alkyls in amt. of 0-90 wt.% and with non-functionalised comonomers (B) chosen from alkyl(meth)acrylic acid esters contg. 1-5C alkyls, styrene, alkylstyrenes contg. 1-4C alkyls, and 2-12C fatty acid vinyl esters in amts. of 0-60 wt.%, and also with functionalised comonomers (C) chosen from functionalised (meth)acrylic acid esters and amides and vinyl heterocycles in amts. of 0-40 wt.%. The sum of the copolymerised monomers is 10-90 wt.% in a carrier medium (TM). The graft polymers are also claimed.

IPC 1-7  
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IPC 8 full level  
**C08F 290/00** (2006.01); **C08F 290/04** (2006.01); **C10M 145/14** (2006.01); **C10M 149/00** (2006.01); **C10M 149/06** (2006.01); **C10M 149/10** (2006.01); **C10N 30/02** (2006.01); **C10N 30/04** (2006.01)

CPC (source: EP US)  
**C10M 145/14** (2013.01 - EP US); **C10M 149/06** (2013.01 - EP US); **C10M 149/10** (2013.01 - EP US); **C10M 2209/084** (2013.01 - EP US); **C10M 2217/024** (2013.01 - EP US); **C10M 2217/028** (2013.01 - EP US); **C10M 2217/06** (2013.01 - EP US)

Citation (examination)  
• EP 0728780 A2 19960828 - ROEHM GMBH [DE]  
• Die Makromolekulare Chemie: Macromolecular Symposia, Band 64 (Dezember 1992), Seiten 85-111

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EP1788066A3; WO2017194654A1; US10385288B1; EP3839017A1; US11384311B2; EP3839019A1; EP3839018A1; US11365273B2; US11685874B2

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