

Title (en)
HYDROCARBON COMPOSITIONS CONTAINING POLYOLEFIN GRAFT POLYMERS

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Application
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Abstract (en)
[origin: EP0199453A2] Polymers having useful properties as oil additives are obtained by incorporating additional functional monomer units into oil-soluble backbone polymers having linear carbon chains, especially ethylene-propylene copolymers and ethylene-propylene-diene terpolymers. The first functional monomers have at least one nitrogen, sulphur and/or oxygen atom in a heterocyclic ring, preferably phenothiazine or the reaction product of phenothiazine and allyl glycidyl ether. Optionally a second amine polymer (preferably N-vinylpyrrolidone) can be grafted on to the backbone polymer. The polymers of the invention constitute dispersant, anti-oxidant, viscosity index improvers for lubricating oils, while the polymers containing both types of monomer unit are also useful as dispersant additives for fuel oils.

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C10L 1/2493 (2013.01); **C10M 133/38** (2013.01); **C10M 135/36** (2013.01); **C10M 143/00** (2013.01); **C10M 143/02** (2013.01); **C10M 143/14** (2013.01); **C10M 149/02** (2013.01); **C10M 149/04** (2013.01); **C10M 149/10** (2013.01); **C10M 151/04** (2013.01); **C10M 2205/00** (2013.01); **C10M 2205/02** (2013.01); **C10M 2205/022** (2013.01); **C10M 2205/08** (2013.01); **C10M 2207/024** (2013.01); **C10M 2215/04** (2013.01); **C10M 2215/064** (2013.01); **C10M 2215/086** (2013.01); **C10M 2215/22** (2013.01); **C10M 2215/26** (2013.01); **C10M 2215/28** (2013.01); **C10M 2217/02** (2013.01); **C10M 2217/022** (2013.01); **C10M 2217/028** (2013.01); **C10M 2217/046** (2013.01); **C10M 2217/06** (2013.01); **C10M 2219/044** (2013.01); **C10M 2219/046** (2013.01); **C10M 2219/106** (2013.01); **C10M 2219/108** (2013.01); **C10M 2221/00** (2013.01); **C10M 2221/04** (2013.01); **C10M 2221/041** (2013.01); **C10M 2221/043** (2013.01); **C10M 2223/045** (2013.01); **C10M 2229/02** (2013.01); 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