

Title (en)  
HYDROCARBON COMPOSITIONS CONTAINING POLYOLEFIN GRAFT POLYMERS

Publication  
**EP 0199453 A3 19880413 (EN)**

Application  
**EP 86301906 A 19860317**

Priority  
• US 72656785 A 19850424  
• US 72854585 A 19850429

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.

IPC 1-7  
**C10M 151/02**; **C10L 1/24**; **C10M 143/00**; **C08F 255/02**; **C08F 8/00**

IPC 8 full level  
**C10L 1/24** (2006.01); **C10M 143/02** (2006.01); **C10M 149/02** (2006.01); **C10M 151/04** (2006.01)

CPC (source: EP)  
**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); **C10M 2229/05** (2013.01); **C10M 2229/05** (2013.01); **C10N 2010/04** (2013.01); **C10N 2040/25** (2013.01); **C10N 2040/251** (2020.05); **C10N 2040/255** (2020.05); **C10N 2040/28** (2013.01)

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Designated contracting state (EPC)  
BE DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0199453 A2 19861029**; **EP 0199453 A3 19880413**; AU 5630186 A 19861030; AU 596097 B2 19900426; BR 8601800 A 19861223

DOCDB simple family (application)  
**EP 86301906 A 19860317**; AU 5630186 A 19860416; BR 8601800 A 19860423