

Title (en)
FUNCTIONALIZED POLYMERS

Title (de)
FUNKTIONALISIERTE POLYMERE

Title (fr)
POLYMERES FONCTIONNALISES

Publication
EP 0932629 A1 19990804 (EN)

Application
EP 98945294 A 19980819

Priority
• EP 98945294 A 19980819
• EP 9805472 W 19980819
• EP 97710017 A 19970819

Abstract (en)
[origin: WO9909074A1] A process for functionalizing polymers prepared by carbocationic polymerization wherein a living carbocationic polymerization system is reacted with one or more aromatic ring systems, and the use of substituted or unsubstituted reaction products of said process in lubricating oil or fuel compositions and additive concentrates, for example as dispersant, detergent or antioxidant additives or VI improvers.

IPC 1-7
C08F 10/00; **C08F 4/00**; **C08F 2/38**; **C08F 8/00**; **C08C 19/44**

IPC 8 full level
C10L 1/192 (2006.01); **C08C 19/44** (2006.01); **C08F 2/38** (2006.01); **C08F 4/00** (2006.01); **C08F 4/06** (2006.01); **C08F 8/00** (2006.01); **C08F 10/00** (2006.01); **C08G 61/12** (2006.01); **C10L 1/195** (2006.01); **C10L 1/234** (2006.01); **C10L 1/24** (2006.01); **C10L 1/26** (2006.01); **C10M 149/12** (2006.01); **C10M 151/04** (2006.01); **C10N 30/02** (2006.01); **C10N 30/04** (2006.01); **C10N 30/10** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP KR)
C08F 8/00 (2013.01 - EP KR); **C08F 8/30** (2013.01 - EP); **C08F 8/32** (2013.01 - EP); **C08F 8/34** (2013.01 - EP); **C08F 8/40** (2013.01 - EP); **C08G 61/123** (2013.01 - EP); **C10L 1/2443** (2013.01 - EP); **C10L 1/2493** (2013.01 - EP); **C10M 135/34** (2013.01 - EP); **C08F 110/10** (2013.01 - EP); **C08F 2810/40** (2013.01 - EP); **C10L 2230/081** (2013.01 - EP); **C10L 2230/14** (2013.01 - EP); **C10M 2219/102** (2013.01 - EP); **C10N 2030/02** (2013.01 - EP); **C10N 2030/04** (2013.01 - EP); **C10N 2030/10** (2013.01 - EP); **C10N 2070/02** (2020.05 - EP)

C-Set (source: EP)
1. **C08F 8/34 + C08F 110/10**
2. **C08F 8/32 + C08F 8/34 + C08F 110/10**
3. **C08F 8/00 + C08F 110/10**
4. **C08F 110/10 + C08F 4/16**
5. **C08F 110/10 + C08F 2/38**

Citation (search report)
See references of WO 9909074A1

Designated contracting state (EPC)
BE CH DE ES FI FR GB IT LI NL PT

DOCDB simple family (publication)
WO 9909074 A1 19990225; AU 9265598 A 19990308; BR 9806095 A 20000125; CA 2268950 A1 19990225; CN 1241195 A 20000112; EP 0932629 A1 19990804; HU P0001333 A2 20000828; HU P0001333 A3 20010129; JP 2001504893 A 20010410; KR 20000068781 A 20001125

DOCDB simple family (application)
EP 9805472 W 19980819; AU 9265598 A 19980819; BR 9806095 A 19980819; CA 2268950 A 19980819; CN 98801424 A 19980819; EP 98945294 A 19980819; HU P0001333 A 19980819; JP 51283199 A 19980819; KR 19997003386 A 19990417