

Title (en)  
METHACRYLATE POUR POINT DEPRESSANTS AND COMPOSITIONS.

Title (de)  
GIESSPUNKTERNIEDRIGENDE METHACRYLATADDITIVE UND -ZUSAMMENSETZUNGEN.

Title (fr)  
ADDITIFS ET COMPOSITIONS A BASE DE METHACRYLATE ABAISSANT LE POINT D'ECOULEMENT.

Publication  
**EP 0329756 B1 19940511**

Application  
**EP 88907922 A 19880818**

Priority  
• US 8703587 A 19870819  
• US 8802730 W 19880818

Abstract (en)  
[origin: WO8901507A1] A pour point depressant for lubricating oils comprises a poly(methacrylate) polymer having the repeating unit (I), wherein R is an alkyl group having an average chain length in the polymer of 12.6 to 13.50, and n is an integer indicating the number of repeating units, the value of n being sufficient to provide a molecular weight of 10,000 to 300,000 for the polymer, the pour point depressant having the capacity to reduce the stable pour point to -35 DEG C, while being compatible with other additives such as viscosity index improvers and detergents.

IPC 1-7  
**C10M 105/18**

IPC 8 full level  
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Citation (examination)  
• US 3869396 A 19750304 - VAN DE KRAATS EDUARD J, et al  
• Erdöl und Kohle, No.11, November 1955, pp. 793-796  
• Ullmanns Encyklopädie der technischen Chemie, 4th edition, vol. 20, pp. 548-549, Verlag Chemie 1981

Cited by  
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**WO 8901507 A1 19890223**; CA 1339677 C 19980217; DE 3889533 D1 19940616; DE 3889533 T2 19941201; EP 0329756 A1 19890830; EP 0329756 A4 19891228; EP 0329756 B1 19940511; JP H02500528 A 19900222; JP H078990 B2 19950201

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