

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 A1 19890830 (EN)

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.

Abstract (fr)
Un additif abaissant le point d'écoulement d'huiles de lubrification comprend un polymère de poly(méthacrylate) ayant l'unité de répétition (I) dans laquelle R est un groupe alkyle ayant une longueur de chaîne moyenne dans le polymère comprise entre 12,6 et 13,50, et n est un nombre entier indiquant le nombre d'unités répétitives, la valeur de n étant suffisante pour donner au polymère un poids moléculaire compris entre 10,000 et 300,000, l'additif d'abaissement du point d'écoulement ayant la capacité de réduire le point d'écoulement stable jusqu'à -35 °C, tout en étant compatible avec d'autres additifs tels que des agents d'amélioration de l'indice de viscosité et des détergents.

IPC 1-7
C10M 105/18

IPC 8 full level
C10M 145/14 (2006.01); **C10M 157/00** (2006.01); **C10M 167/00** (2006.01); **C10N 20/04** (2006.01); **C10N 30/02** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP)
C10M 133/56 (2013.01); **C10M 137/10** (2013.01); **C10M 139/00** (2013.01); **C10M 143/00** (2013.01); **C10M 143/02** (2013.01); **C10M 143/04** (2013.01); **C10M 145/14** (2013.01); **C10M 149/10** (2013.01); **C10M 157/00** (2013.01); **C10M 159/22** (2013.01); **C10M 159/24** (2013.01); **C10M 167/00** (2013.01); **C10M 2205/00** (2013.01); **C10M 2205/02** (2013.01); **C10M 2205/022** (2013.01); **C10M 2205/024** (2013.01); **C10M 2207/027** (2013.01); **C10M 2207/028** (2013.01); **C10M 2207/262** (2013.01); **C10M 2209/084** (2013.01); **C10M 2215/04** (2013.01); **C10M 2215/086** (2013.01); **C10M 2215/26** (2013.01); **C10M 2215/28** (2013.01); **C10M 2217/028** (2013.01); **C10M 2217/046** (2013.01); **C10M 2217/06** (2013.01); **C10M 2219/046** (2013.01); **C10M 2219/089** (2013.01); **C10M 2223/045** (2013.01); **C10M 2227/00** (2013.01); **C10M 2227/06** (2013.01); **C10M 2227/061** (2013.01); **C10M 2227/062** (2013.01); **C10M 2227/063** (2013.01); **C10M 2227/065** (2013.01); **C10M 2227/066** (2013.01); **C10N 2010/04** (2013.01)

Cited by
CN101775104A

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
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

DOCDB simple family (application)
US 8802730 W 19880818; CA 575169 A 19880819; DE 3889533 T 19880818; EP 88907922 A 19880818; JP 50729188 A 19880818