

Title (en)

Use of detergent additive for lubricating oil compositions

Title (de)

Verwendung eines Zusatzstoffes als Detergens für Schmierzusammensetzungen.

Title (fr)

L'utilisation d'un additif détergent pour compositions lubrifiante

Publication

EP 1605034 A1 20051214 (EN)

Application

EP 05104350 A 20050523

Priority

- EP 04253487 A 20040611
- EP 05104350 A 20050523

Abstract (en)

Use as a detergent in a lubricating oil composition of an oil-soluble hydrocarbyl phenol aldehyde condensate having the following structure: wherein n is 0 to 10, preferably 1 to 8, more preferably 2 to 6, and most preferably 3 to 5; Y is a divalent bridging group, and is preferably a hydrocarbyl group, preferably having from 1 to 4 carbon atoms; and R is a hydrocarbyl group having from 4 to 30, preferably 8 to 18, and most preferably 9 to 15 carbon atoms. The oil-soluble hydrocarbyl phenol aldehyde condensate has a weight average molecular weight (Mw) of 1250 to 1680, as measured by MALDI-TOF (Matrix Assisted Laser Desorption Ionization- Time of Flight) mass spectrometry.

IPC 1-7

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IPC 8 full level

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Citation (search report)

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- [A] US 3256183 A 19660614 - RUDOLPH GREENWALD
- [A] ANONYMOUS: "Methylene-bridged alkyl phenols", June 1999, RESEARCH DISCLOSURE, KENNETH MASON PUBLICATIONS, HAMPSHIRE, GB, ISSN: 0374-4353, XP007124476

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