

Title (en)

Detergent additive combination for lubricating compositions

Title (de)

Zusatzstoffkombination als Detergens für Schmierölzusammensetzungen

Title (fr)

Combinaison d'additifs détergents pour compositions lubrifiantes

Publication

EP 1642956 A1 20060405 (EN)

Application

EP 05111664 A 20050523

Priority

- EP 05104350 A 20050523
- EP 04253487 A 20040611
- EP 05111664 A 20050523

Abstract (en)

A lubricating oil composition comprising a major amount of an oil of lubricating viscosity and a detergent composition comprising (A) an overbased metal salt of an organic acid and (B) 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 hydro

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

EP 0902827 B1 20031119 - INFINEUM USA LP [US]

Citation (search report)

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- [A] US 3256183 A 19660614 - RUDOLPH GREENWALD
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- [A] EP 0725129 A2 19960807 - LUBRIZOL CORP [US]
- [A] ANONYMOUS: "Methylene-bridged alkyl phenols", RESEARCH DISCLOSURE, MASON PUBLICATIONS, HAMPSHIRE, GB, vol. 422, no. 73, June 1999 (1999-06-01), XP007124476, ISSN: 0374-4353

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