

Title (en)

ADDITIVE FOR LUBRICATING OILS AND HYDROCARBON FUELS

Publication

EP 0198690 A3 19890510 (EN)

Application

EP 86302713 A 19860411

Priority

- US 72291085 A 19850412
- US 81964386 A 19860116
- US 81977086 A 19860116

Abstract (en)

[origin: EP0198690A2] Additives useful as dispersants and/or detergents in lubricating oils and hydrocarbon fuels are polyamino alkenyl or alkyl succinimides wherein one or more of the amino nitrogens of the succinimide is substituted by R₄OR₅-O(@)m@- wherein R₄ is hydrocarbyl of from 1 to 30 carbon atoms; R₅ is hydrocarbyl of from 2 to 30 carbon atoms or -R₆-(OR₆)_p- wherein R₆ is alkylene of 2 to 5 carbon atoms and p is an integer from 1 to 100; and m is 0 or 1.

IPC 1-7

C10M 133/16; C10M 133/56; C10L 1/22; C07D 207/40; C07D 403/02

IPC 8 full level

C10L 1/224 (2006.01); **C10L 1/2383** (2006.01); **C10M 133/16** (2006.01); **C10M 133/56** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] DE 3406257 A1 19840830 - CHEVRON RES [US]
- [A] US 4252542 A 19810224 - SPENCE JAMES R

Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0198690 A2 19861022; **EP 0198690 A3 19890510**; BR 8601619 A 19861216; CA 1270255 A 19900612

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