

Title (en)

Additive for lubricating oils and hydrocarbon fuels.

Title (de)

Zusatz für Schmieröle und Kohlenwasserstoffbrennstoffe.

Title (fr)

Additif pour huiles lubrifiantes et combustibles hydrocarbonés.

Publication

EP 0198690 A2 19861022 (EN)

Application

EP 86302713 A 19860411

Priority

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

Abstract (en)

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

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

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)

C10L 1/224 (2013.01); **C10L 1/2383** (2013.01); **C10M 133/16** (2013.01); **C10M 133/56** (2013.01); **C10M 2215/04** (2013.01); **C10M 2215/086** (2013.01); **C10M 2215/22** (2013.01); **C10M 2215/221** (2013.01); **C10M 2215/225** (2013.01); **C10M 2215/226** (2013.01); **C10M 2215/26** (2013.01); **C10M 2215/28** (2013.01); **C10M 2215/30** (2013.01); **C10M 2217/046** (2013.01); **C10M 2217/06** (2013.01); **C10N 2040/25** (2013.01); **C10N 2040/251** (2020.05); **C10N 2040/255** (2020.05); **C10N 2040/28** (2013.01)

Cited by

EP0404876A4

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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

DOCDB simple family (application)

EP 86302713 A 19860411; BR 8601619 A 19860410; CA 504571 A 19860320