

Title (en)

COLD FLOW IMPROVING FUEL ADDITIVE COMPOUND AND FUEL COMPOSITION CONTAINING SAME

Publication

EP 0220892 A3 19890426 (EN)

Application

EP 86308059 A 19861017

Priority

- US 78981585 A 19851021
- US 81011585 A 19851218

Abstract (en)

[origin: EP0220892A2] The product of reaction between a branched chain monocarboxylic acid amide or ester, an epoxide and a carboxylic acid when added to a hydrocarbyl distillate fuel in minor effective amounts provides a fuel composition having improved cold flowability.

IPC 1-7

C10L 1/22; C07C 103/44; C07C 93/187

IPC 8 full level

C10L 1/22 (2006.01); **C10L 1/222** (2006.01)

CPC (source: EP)

C10L 1/221 (2013.01); **C10L 1/2225** (2013.01)

Citation (search report)

- [A] US 3962104 A 19760608 - SWIETLIK JOSEPH MARIAN, et al
- [A] US 4039565 A 19770802 - THROCKMORTON PETER E, et al

Cited by

EP0391735A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0220892 A2 19870506; **EP 0220892 A3 19890426**; AU 6387986 A 19870430; DK 500886 A 19870422; DK 500886 D0 19861020; FI 864242 A0 19861020; FI 864242 A 19870422; NO 864181 D0 19861020; NO 864181 L 19870422; NZ 217912 A 19881129

DOCDB simple family (application)

EP 86308059 A 19861017; AU 6387986 A 19861014; DK 500886 A 19861020; FI 864242 A 19861020; NO 864181 A 19861020; NZ 21791286 A 19861014