

Title (en)

Fuel composition and additive concentrates, and their use in inhibiting engine coking.

Title (de)

Brennstoffzusammensetzung und Zusatzkonzentrate und deren Verwendung zur Motorschlamminhibierung.

Title (fr)

Composition combustible et concentrés d'additifs, et leurs utilisations pour inhiber la formation de dépôts dans un moteur.

Publication

EP 0251419 A1 19880107 (EN)

Application

EP 87201461 A 19841228

Priority

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- US 56708983 A 19831230
- US 56709083 A 19831230

Abstract (en)

Coking in and around the injector nozzles of indirect injection compression ignition engines is reduced by means of distillate fuel into which has been blended suitable concentrations of: (a) hydrocarbyl-substituted succinimide or succinamide. (b) hydrocarbyl amine having from 3 to 60 carbons and from 1 to 10 nitrogens, and (c) N,N'-disalicylidene-1,2-diaminopropane. Additive concentrates can be formulated using such additive combinations.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- US 3717446 A 19730220 - HOWLAND W, et al
- US 3701641 A 19721031 - RAKOW MARVIN S, et al
- US 2768884 A 19561030 - BOWERS ROLLAND G
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EP 0247706 A2 19871202; **EP 0247706 A3 19880113**; **EP 0247706 B1 19890614**; CA 1270642 A 19900626; CA 1284583 C 19910604; CA 1284883 C 19910618; EP 0147240 A2 19850703; EP 0147240 A3 19860402; EP 0147240 B1 19890405; EP 0251419 A1 19880107; EP 0251419 B1 19890531

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EP 87201460 A 19841228; CA 470058 A 19841213; CA 615608 A 19900119; CA 615609 A 19900119; EP 84309143 A 19841228; EP 87201461 A 19841228