

Title (en)

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

Title (de)

Brennstoffzusammensetzungen und Zusatzkonzentrate und ihre Verwendung zur Schlamminhibition.

Title (fr)

Compositions de combustibles et des concentrés d'additifs, et leur utilisations pour inhiber la formation de dépôts.

Publication

**EP 0147240 A2 19850703 (EN)**

Application

**EP 84309143 A 19841228**

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- US 56707183 A 19831230
- 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) organic nitrate ignition accelerator, and (b) hydrocarbyl-substituted succinimide or succinamide, or (a) organic nitrate ignition accelerator, (c) hydrocarbyl amine having from 3 to 60 carbons and from 1 to 10 nitrogens, and (d) N,N min -disalicylidene-1,2-diaminopropane, or (b) hydrocarbyl-substituted succinimide or succinamide, (c) hydrocarbyl amine having from 3 to 60 carbons and from 1 to 10 nitrogens, and (d) N,N min -disalicylidene-1,2-diaminopropane. Additive concentrates can be formulated using such additive combinations.

IPC 1-7

**C10L 1/22**

IPC 8 full level

**C10L 1/22** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

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Cited by

US7229481B2; US5340488A; GB2172012A; US6719814B1; US5460634A; WO2011080250A1; US8152868B2; EP2949732A1; WO2020070246A1; WO2010076303A1; US8771385B2; US8273137B2; EP2078743A1; WO2016188850A1; WO2018077976A1; US11104857B2; WO2011076948A1; US8541635B2; WO2021018895A1; EP2077315A1; US7189269B2; US6200359B1; WO2015091458A1; US9587195B2; US9663735B2; WO2012162403A1; WO2013034617A1; US9752092B2; EP2065367A1; EP2078744A1; WO9301260A1; WO03044134A3; US6733550B1; US7737311B2; EP2907867A1; EP3581637A1; WO2020120416A1; US11867117B2; WO2017202735A1; EP2055762A2; US11359155B2; US7638661B2; WO2010076304A1; US8152869B2; WO2013086138A1; US9017429B2; EP3184612A1; US8987537B1; EP2947135A1; WO2015179017A2; EP2990465A1; US9499758B2; US10457881B2; EP2889361A1; US9057035B1; US9487718B2; WO2017134251A1; US10577551B2; US11254885B2; EP2055761A2; US8475647B2; DE102013112821A1; WO2018206729A1; WO2022228989A1; WO2012163935A2; WO2020109184A1; WO2022228990A1; US11499106B2; EP2371931A1; WO2012098258A1; WO2014096234A1; US8876923B2; US9222047B2; WO2016188858A1; WO2017081199A1; US11001775B2

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