Title (en)

Extremely stable diesel fuel compositions

Title (de)

Extremstabile Dieselbrennstofzusammensetzungen.

Title (fr)

Compositions extrêmement stabiles de combustible pour moteurs Diesel.

Publication

EP 1321504 A2 20030625 (EN)

Application

EP 02258749 A 20021218

Priority

US 2041101 A 20011218

Abstract (en)

Diesel fuel compositions that are extremely stable against thermal degradation, sedimentation and discolouration arc devoid or essentially devoid of certain heteroatomic compounds often present in diesel fuel and which have been discovered to cause the thermal degradation in the presence of nitrate-based cetane improver additives. The specific deleterious heteroatomic compounds include pyrroles, indoles, sulfides, disulfides, mercaptans, thioacids, sulfonic acids, and indolines.

IPC 1-7

C10L 1/22

IPC 8 full level

C10L 1/00 (2006.01); **C10L 1/08** (2006.01); **C10L 1/22** (2006.01); **C10L 1/23** (2006.01); **C10L 10/00** (2006.01); **C10L 10/12** (2006.01)

CPC (source: EP US)

C10L 1/08 (2013.01 - EP US); **C10L 1/231** (2013.01 - EP US); **C10L 10/02** (2013.01 - EP US); **C10L 10/04** (2013.01 - EP US); **C10L 10/12** (2013.01 - EP US)

Cited by

EP1531174A3; CN100457872C; EP1516909A3; US2020181515A1; US10808194B2; US7396450B2; US11136516B2; EP2128227A1; US7615085B2; EP2128226A1; WO2009141166A1; US8435313B2; US9145526B2

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