

Title (en)

Extremely stable diesel fuel compositions

Title (de)

Extremstabile Dieseldieselbrennstoffzusammensetzungen.

Title (fr)

Compositions extrêmement stables de combustible pour moteurs Diesel.

Publication

EP 1321504 A3 20031022 (EN)

Application

EP 02258749 A 20021218

Priority

US 2041101 A 20011218

Abstract (en)

[origin: EP1321504A2] Diesel fuel compositions that are extremely stable against thermal degradation, sedimentation and discolouration are 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)

Citation (search report)

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- [DX] US 6150575 A 20001121 - ANGEVINE PHILIP J [US], et al
- [DX] US 5807413 A 19980915 - WITTENBRINK ROBERT JAY [US], et al
- [DX] WO 0012654 A1 20000309 - ATLANTIC RICHFIELD CO [US]

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