

Title (en)

Diesel fuel with improved cetane number and containing polynitrate esters and stabilizers.

Title (de)

Polynitratester und stabilisierende Wirkstoffe enthaltender Dieselbrennstoff mit verbesserter Cetanzahl.

Title (fr)

Combustible diesel à nombre de cétane amélioré, et contenant des esters de polynitrate et des agents stabilisants.

Publication

EP 0313696 A1 19890503 (EN)

Application

EP 87309524 A 19871028

Priority

EP 87309524 A 19871028

Abstract (en)

Mixtures of polynitrate esters and selected amines are effective in improving the cetane number of diesel and alcohol fuels.

IPC 1-7

C10L 1/02; C10L 1/22

IPC 8 full level

C10L 1/22 (2006.01); **C10L 1/23** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

C10L 1/22 (2013.01); **C10L 1/231** (2013.01); **C10L 1/2227** (2013.01); **C10L 1/223** (2013.01); **F02B 3/06** (2013.01)

Citation (search report)

- [X] EP 0711134 A1 19960515 - TORRE JACK DE [US]
- [Y] US 2542193 A 19510220 - HANNUM JOHN A
- [Y] US 4473378 A 19840925 - HANLON JOHN V [US], et al
- [Y] EP 0116197 A2 19840822 - AECL LTD [ZA]
- [Y] GB 492516 A 19380919 - ALFRED CHARLES GLYN EGERTON
- [Y] EP 0080314 A1 19830601 - AECL LTD [ZA]
- [Y] US 4588417 A 19860513 - ZAWESKI EDWARD F [US], et al
- [A] US 2378466 A 19450619 - CURME JR GEORGE O
- [A] FR 1471866 A 19670303 - UNIVERSAL OIL PROD CO
- [A] FR 817379 A 19370901 - STANDARD OIL DEV CO
- [A] FR 379714 A
- [A] US 2776194 A 19570101 - SCHEUMANN WALTER W
- [A] US 1641520 A 19270906 - BASSETT HARRY P
- [A] FR 1163614 A 19580929
- [A] FR 730238 A 19320809 - ICI LTD
- [A] GB 482783 A 19380405 - UHDE GMBH FRIEDRICH, et al

Cited by

CN103450956A; FR3000101A1; FR3000102A1; GB2528041A; WO2014096326A1; WO2014096323A1; WO2022183263A1; WO2022183262A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0313696 A1 19890503

DOCDB simple family (application)

EP 87309524 A 19871028