

Title (en)

Low sulfur mineral Diesel fuel oil.

Title (de)

Mineralische schwefelarme Dieseldieselkraftstoffe.

Title (fr)

Huile Diesel niveau à basse teneur en soufre.

Publication

**EP 0605857 A1 19940713 (DE)**

Application

**EP 93120859 A 19931223**

Priority

DE 4300207 A 19930107

Abstract (en)

Low-sulphur mineral diesel fuel oils having an initial boiling point above 160°C and a final boiling point below 420°C contain a vegetable oil, in particular castor oil, as a lubricity improver.

Abstract (de)

Mineralische schwefelarme Dieseldieselkraftstoffe mit einem Siedebeginn über 160°C und einem Siedeende unter 420°C, die ein pflanzliches Öl, insbesondere Rizinusöl, als Schmierfähigkeitsverbesserer enthalten.

IPC 1-7

**C10L 1/02**; **C10L 1/18**

IPC 8 full level

**C10L 1/02** (2006.01); **C10L 1/18** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

**C10L 1/02** (2013.01); **C10L 1/1802** (2013.01); **C10L 10/02** (2013.01); **C10L 10/08** (2013.01); **F02B 3/06** (2013.01)

Citation (search report)

- [A] DE 2930220 A1 19810129 - LANDWIRTSCHAFTSKAMMER SCHLESWI
- [A] GB 2127433 A 19840411 - DIMATERA ALFREDO O, et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 219 (C - 363) 31 July 1986 (1986-07-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 006, no. 019 (C - 090) 3 February 1982 (1982-02-03)

Cited by

EP0755996A1; US5858028A; WO2017144378A1; US8097570B2; WO0188031A1; US7850744B2; US8814957B2; US8835663B2; EP0900836B2

Designated contracting state (EPC)

AT BE CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 93120859 A 19931223**; AT 93120859 T 19931223; CA 2112732 A 19931231; DE 4300207 A 19930107; DE 59304483 T 19931223; DK 93120859 T 19931223; FI 940068 A 19940107; NO 940049 A 19940106