

Title (en)

FUEL MODIFIER

Title (de)

KRAFTSTOFFADDITIV

Title (fr)

ADDITIF DE CARBURANT

Publication

EP 1310545 A4 20041201 (EN)

Application

EP 01934381 A 20010528

Priority

- JP 0104474 W 20010528
- JP 2000178525 A 20000614

Abstract (en)

[origin: EP1310545A1] The object of the present invention is to improve the efficiency of combustion of fuel and to reduce toxic components contained in the combustion gas. To attain the object in the present invention, an iron salt is added in fuel such as gasoline, kerosene, light oil, heavy oil and the like as a fuel modifier

IPC 1-7

C10L 1/12; C10L 1/30; C10L 1/10; C10L 10/02

IPC 8 full level

C01G 49/10 (2006.01); **C01G 49/14** (2006.01); **C10L 1/12** (2006.01); **C10L 10/00** (2006.01); **F23K 5/08** (2006.01); **C10L 10/02** (2006.01)

CPC (source: EP KR US)

C10L 1/12 (2013.01 - KR); **C10L 1/1225** (2013.01 - EP US); **C10L 10/02** (2013.01 - EP US)

Citation (search report)

- [X] GB 697730 A 19530930 - CHARLES WALTER HODGSON
- [X] EP 0206907 A1 19861230 - RHONE POULENC SPEC CHIM [FR]
- [X] FR 2172797 A1 19731005 - GAMLEN NAINTRE SA [FR]
- [X] US 5118282 A 19920602 - REYNOLDS THOMAS [DE], et al
- [X] GB 1574297 A 19800903 - NATURAL RESOURCES GUARDIANSHIP
- [X] FR 2453844 A1 19801107 - ELF FRANCE
- See also references of WO 0196502A1

Cited by

EP1344811A1; US7306634B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1310545 A1 20030514; EP 1310545 A4 20041201; AU 6063501 A 20011224; CN 1436227 A 20030813; HU P0301566 A2 20030929;
JP 2001354979 A 20011225; KR 20030007869 A 20030123; US 2003163950 A1 20030904; WO 0196502 A1 20011220

DOCDB simple family (application)

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