

Title (en)  
New stabilized fuel composition

Title (de)  
Neue stabilisierte Kraftstoffzusammensetzung

Title (fr)  
Nouvelle composition stabilisée de carburant

Publication  
**EP 1854867 A1 20071114 (EN)**

Application  
**EP 07108062 A 20070511**

Priority  
ES 200601236 A 20060512

Abstract (en)  
This invention is related to a new fuel composition which incorporates a chelating agent capable of stabilizing said fuel against the degradation thereof under working conditions and exposure to contamination by metals observed in the new combustion facilities and engines.

IPC 8 full level  
**C10L 1/14** (2006.01); **C10L 1/188** (2006.01); **C10L 10/18** (2006.01)

CPC (source: EP ES)  
**C10L 1/143** (2013.01 - EP ES); **C10L 1/1881** (2013.01 - EP); **C10L 10/18** (2013.01 - EP ES); **C10L 1/1832** (2013.01 - EP); **C10L 1/224** (2013.01 - EP); **C10L 1/2383** (2013.01 - EP)

Citation (applicant)

- US 2005223627 A1 20051013 - EYDOUX FRANK [FR], et al
- US 2004038835 A1 20040226 - CHASAN DAVID E [US], et al
- WO 03004476 A1 20030116 - CIBA SC HOLDING AG [CH], et al
- WO 2004020553 A1 20040311 - BAKER HUGHES INC [US]
- US 5773391 A 19980630 - LAWATE SAURABH S [US], et al
- JP S6131213 B2 19860718
- US 4892671 A 19900109 - O'NEIL ROBERT M [GB], et al
- US 2004192995 A1 20040930 - DESHPANDE ANIRUDDHA SUBHASH [IN], et al
- US 3850586 A 19741126 - IWAMA A, et al
- US 2951751 A 19600906 - MCDERMOTT JOHN P
- US 3884947 A 19750520 - BADIN ELMER J, et al
- US 2005062013 A1 20050324 - SAPIENZA RICHARD [US], et al
- JP H01188593 A 19890727 - COSMO OIL CO LTD
- US 5340369 A 19940823 - KOCH FREDERICK W [US], et al
- US 3843536 A 19741022 - JOHNSTON T
- EP 0476197 A1 19920325 - ETHYL PETROLEUM ADDITIVES LTD [GB]
- US 2813080 A 19571112 - BARTLETT PHILIP L
- ES 2245872 A1 20060116 - REPSOL YPF SA [ES]
- PANDE, S.G. ET AL., 6TH INTERNATIONAL CONFERENCE ON STABILITY AND HANDLING OF LIQUID FUEL, CANADA, 1997, pages 211 - 230
- CYRUS, P.H., 6TH INTERNATIONAL CONFERENCE ON STABILITY AND HANDLING OF LIQUID FUEL, CANADA, 1997, pages 51 - 59
- CHUSEI, C.C. ET AL., APPLIED SURFACE SCIENCE, USA, vol. 153, 1999, pages 23 - 24

Citation (search report)

- [X] US 3850586 A 19741126 - IWAMA A, et al
- [X] US 2951751 A 19600906 - MCDERMOTT JOHN P
- [X] US 3884947 A 19750520 - BADIN ELMER J, et al
- [X] US 2005062013 A1 20050324 - SAPIENZA RICHARD [US], et al
- [Y] US 2005223627 A1 20051013 - EYDOUX FRANK [FR], et al
- [Y] US 5340369 A 19940823 - KOCH FREDERICK W [US], et al
- [Y] DATABASE WPI Week 200575, Derwent World Patents Index; AN 2005-732014, XP002445521
- [Y] DATABASE WPI Week 198936, Derwent World Patents Index; AN 1989-259865, XP002445522

Cited by  
GB2453248B; CN102037104A; US9157041B2; US9243199B2; US9163190B2; WO2009040584A1; WO2009040583A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1854867 A1 20071114**; ES 2301358 A1 20080616; ES 2301358 B1 20090622

DOCDB simple family (application)  
**EP 07108062 A 20070511**; ES 200601236 A 20060512