

Title (en)

Unsymmetrical dialkyl carbonate fuel additives.

Title (de)

Unsymmetrische Diakylcarbonat-Kraftstoffzusätze.

Title (fr)

Additifs pour fuel, carbonates dialkyls asymétriques.

Publication

**EP 0474342 A1 19920311 (EN)**

Application

**EP 91306278 A 19910711**

Priority

- US 57805390 A 19900905
- US 71277991 A 19910610

Abstract (en)

Unsymmetrical dialkyl carbonates are blended with hydrocarbon liquid fuels such as gasoline to provide fuel compositions having improved octane number and anti-knock characteristics. The unsymmetrical dialkyl carbonate may be methyl t-butyl carbonate, ethyl t-butyl carbonate, methyl t-amyl carbonate, or ethyl t-amyl carbonate. <IMAGE>

IPC 1-7

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

IPC 8 full level

**C10L 1/02** (2006.01); **C10L 1/18** (2006.01); **C10L 1/19** (2006.01); **C10L 10/10** (2006.01)

CPC (source: EP)

**C10L 1/023** (2013.01); **C10L 1/18** (2013.01); **C10L 1/19** (2013.01); **C10L 10/10** (2013.01); **C10L 1/1822** (2013.01); **C10L 1/1824** (2013.01); **C10L 1/1852** (2013.01)

Citation (search report)

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- [AD] PATENT ABSTRACTS OF JAPAN vol. 11, no. 43 (C-402)(2490) February 1987 & JP-A-61 207 496 ( TOYO SODA MFG CO LTD ) 13 September 1986

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DOCDB simple family (application)

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