

Title (en)
Fuels for spark ignition engines

Title (de)
Kraftstoffe für Ottomotoren

Title (fr)
Carburants pour moteurs à allumage par étincelle

Publication
EP 0548617 B1 19960313 (DE)

Application
EP 92120622 A 19921203

Priority
DE 4142241 A 19911220

Abstract (en)
[origin: US5298039A] Fuels for gasoline engines contain a combination of a nitrogen-containing detergent component and an alkoxyolate as a carrier oil component, the alkoxyolate being a dialkylphenol-initiated propoxyolate.

IPC 1-7
C10L 1/14; **C10L 1/18**; **C10L 1/22**; **C10L 10/00**

IPC 8 full level
C10L 1/14 (2006.01); **C10L 1/18** (2006.01); **C10L 1/22** (2006.01); **C10L 10/00** (2006.01); **C10L 1/16** (2006.01); **F02B 1/04** (2006.01)

CPC (source: EP US)
C10L 1/143 (2013.01 - EP US); **C10L 1/146** (2013.01 - EP US); **C10L 10/06** (2013.01 - EP US); **C10L 1/1616** (2013.01 - EP US); **C10L 1/1832** (2013.01 - EP US); **C10L 1/1852** (2013.01 - EP US); **C10L 1/188** (2013.01 - EP US); **C10L 1/1881** (2013.01 - EP US); **C10L 1/19** (2013.01 - EP US); **C10L 1/1905** (2013.01 - EP US); **C10L 1/191** (2013.01 - EP US); **C10L 1/198** (2013.01 - EP US); **C10L 1/1985** (2013.01 - EP US); **C10L 1/2222** (2013.01 - EP US); **C10L 1/223** (2013.01 - EP US); **C10L 1/224** (2013.01 - EP US); **C10L 1/232** (2013.01 - EP US); **C10L 1/2335** (2013.01 - EP US); **C10L 1/2383** (2013.01 - EP US); **C10L 1/2387** (2013.01 - EP US); **F02B 1/04** (2013.01 - EP US)

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AT BE CH DE ES FR GB IT LI

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EP 0548617 A2 19930630; **EP 0548617 A3 19930721**; **EP 0548617 B1 19960313**; AT E135394 T1 19960315; CA 2082435 A1 19930621; CA 2082435 C 20001107; DE 4142241 A1 19930624; DE 59205692 D1 19960418; ES 2084255 T3 19960501; US 5298039 A 19940329

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