

Title (en)
FUEL FOR INTERNAL COMBUSTION ENGINE

Title (de)
KRAFTSTOFF FÜR BRENNKRAFTMASCHINE

Title (fr)
CARBURANT POUR MOTEUR A COMBUSTION INTERNE

Publication
EP 1505143 A1 20050209 (EN)

Application
EP 03752890 A 20030410

Priority
• JP 0304560 W 20030410
• JP 2002139915 A 20020515

Abstract (en)
A fuel for an internal combustion engine is provided which is environment friendly and arranged to minimize corrosion of the internal combustion engine. The fuel is characterized by 50 to 75 percent by weight of an alcohol component including isopropyl alcohol, isobutyl alcohol, and n-butyl alcohol and 25 to 49.9 percent by weight of a hydrocarbon component, wherein the ignition point is not higher than -20 DEG C. Preferably, the alcohol component is 50 to 60 percent by weight while the hydrocarbon component is 40 to 49.9 percent by weight. Also, the alcohol component contains 15 to 30 percent by weight of isopropyl alcohol, 15 to 25 percent by weight of isobutyl alcohol, and 7 to 20 percent by weight of n-butyl alcohol.

IPC 1-7
C10L 1/02

IPC 8 full level
C10L 1/02 (2006.01); **C10L 10/00** (2006.01); **C10L 10/14** (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP KR US)
C10L 1/02 (2013.01 - EP KR US); **C10L 10/04** (2013.01 - EP US); **C10L 1/1824** (2013.01 - EP US); **C10L 1/1852** (2013.01 - EP US)

Cited by
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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