

Title (en)

HIGH-POWER LIQUID FUEL COMPOSITION FOR SPARK-IGNITION ENGINES

Title (de)

LEISTUNGSSTARKE FLÜSSIGBRENNSTOFFZUSAMMENSETZUNG FÜR OTTOMOTOREN

Title (fr)

COMPOSITION DE CARBURANT LIQUIDE DE FORTE PUISSANCE POUR MOTEURS A ALLUMAGE COMMANDE

Publication

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Application

**EP 13707345 A 20130226**

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Abstract (en)

[origin: WO2013127776A1] The invention relates to a high-power liquid fuel composition for spark-ignition engines. The fuel composition has a RON greater than or equal to 95 and a MON greater than or equal to 85, the RON and MON values being measured according to the ASTM D 2699-86 or D 2700-86 standard, and comprises at least one C4-C5 unsaturated alcohol. The invention also relates to the use of a C4-C5 unsaturated alcohol, preferably 3-methyl-2-buten-1-ol or 3-methyl-3-buten-1-ol, in a petrol fuel composition, for improving the power of a spark-ignition, naturally-aspirated or turbocharged engine, during the combustion. The invention also relates to a process for preparing such a fuel composition.

IPC 8 full level

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