

Title (en)

USE OF ALCOHOLS IN FUELS FOR SPARK IGNITION ENGINES

Title (de)

VERWENDUNG VON ALKOHOLEN IN KRAFTSTOFFEN FÜR OTTOMOTOREN

Title (fr)

UTILISATION D'ALCOOLS DANS DES CARBURANTS POUR MOTEURS À ALLUMAGE PAR ÉTINCELLE

Publication

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Application

EP 09710667 A 20090205

Priority

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- DE 102008008818 A 20080212

Abstract (en)

[origin: CA2714464A1] The use of at least one C4 alcohol to increase the vapour pressure of a fuel for spark-ignition engines comprising base fuel and ethanol in which use the at least one C4 alcohol is added to a fuel comprising base fuel and ethanol to produce a resultant fuel mixture comprising 15-50 % by volume of base fuel, 15-65 % by volume of ethanol and 15 to 50 % C4 alcohol. The resultant fuel mixture exhibits an adequately high vapour pressure, for example, which meets the specification, and also exhibits a good start behaviour even at winter temperatures.

IPC 8 full level

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CPC (source: EP US)

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