

Title (en)

The use of lubricity additives for reducing foam in fuels

Title (de)

Schmierzusatzverwendung zur Schaumverminderung in Brennstoffen

Title (fr)

L'utilisation d'additifs lubrifiants pour diminuer le mousse dans les fuels

Publication

EP 0859040 B1 20020508 (EN)

Application

EP 98301109 A 19980216

Priority

GB 9703266 A 19970217

Abstract (en)

[origin: EP0859040A1] The present invention relates to fuel additives for improving the foam behavior of fuel compositions containing said additives. The objective of the invention is obtained by the addition of a lubricity additive to fuel additive compositions containing colloiddally dispersed metals and conventional antifoam agents. The present invention further relates to fuel concentrates and fuel compositions containing the fuel additive.

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IPC 8 full level

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Cited by

WO2009056589A1; JP2003528973A; EP1496100A1; US201222348A1; US6743266B2; US7696136B2; WO0172930A3; WO0039254A1; WO2004041975A1; WO2012117004A3

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