

Title (en)

USE OF LOW-MOLECULAR WEIGHT POLYISOBUTYL-SUBSTITUTED AMINES AS DETERGENT BOOSTERS

Title (de)

VERWENDUNG VON NIEDERMOLEKULAREN POLYISOBUTYL-SUBSTITUIERTEN AMINEN ALS DETERGENZVERSTÄRKER

Title (fr)

UTILISATION DE POLYISOBUTYLAMINES DE FAIBLE POIDS MOLÉCULAIRE COMME BOOSTERS DE DÉTERGENTS

Publication

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Application

EP 11725007 A 20110523

Priority

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Abstract (en)

[origin: WO2011151207A1] A fuel additive composition comprising (A) polyisobutyl-based nitrogen-containing dispersants with MN of the polyisobutyl group of from 650 to 1800 Dalton, (B) carrier oils substantially free of nitrogen and (C) polyisobutyl-based dispersant boosters with MN of the polyisobutyl group of from 200 to 650 Dalton, with the proviso that the difference between the MN of the polyisobutyl group of component (A) and the MN of the polyisobutyl group of component (C) is more than 100 Dalton. Said component (C) is especially useful as an intake valve clean-up booster in gasoline-operated port fuel injection internal combustion engines.

IPC 8 full level

C10L 1/222 (2006.01); **C10L 1/238** (2006.01)

CPC (source: EP KR)

C10L 1/222 (2013.01 - KR); **C10L 1/238** (2013.01 - EP KR); **C10L 1/1985** (2013.01 - EP); **C10L 1/221** (2013.01 - EP); **C10L 1/2222** (2013.01 - EP); **C10L 1/2383** (2013.01 - EP)

Citation (search report)

See references of WO 2011151207A1

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