

Title (en)

Fuel economical lubricating oil compositions for internal combustion engines

Title (de)

Wirtschaftliche Kraftstoff-Schmierölzusammensetzungen für Verbrennungsmotoren

Title (fr)

Compositions d'huile lubrifiante économique de carburant pour moteurs à combustion interne

Publication

EP 2610333 A1 20130703 (EN)

Application

EP 12197498 A 20121217

Priority

JP 2011286254 A 20111227

Abstract (en)

A fuel economical lubricating oil composition for internal combustion engines comprises a base oil and an additive composition comprising an overbased metal-containing detergent and a molybdenum-containing friction modifier, in which the overbased metal-containing detergent comprises calcium salicylate having an alkyl group having an average carbon atom number of 14-18, at least 60 mol.% of the alkyl group having a carbon atom number of 14-18, and calcium sulfonate having an alkyl group having an average carbon atom number of 20-24, at least 60 mol.% of the alkyl group having a carbon atom number of 20-24, and/or calcium salicylate having an alkyl group having an average carbon atom number of 20-28, at least 60 mol.% of the alkyl group having a carbon atom number of 20-28.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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Citation (search report)

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DOCDB simple family (application)

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