

Title (en)

DETERGENT ADDITIVE-CONTAINING MINERAL OILS HAVING IMPROVED COLD FLOW PROPERTIES

Title (de)

DETERGENZADDITIVE ENTHALTENDE MINERALÖLE MIT VERBESSERTER KÄLTEFLIESSFÄHIGKEIT

Title (fr)

HUILES MINÉRALES CONTENANT DES ADDITIFS DÉTERGENTS DOTÉES D'UNE FLUIDITÉ À FROID AMÉLIORÉE

Publication

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Application

EP 08773479 A 20080617

Priority

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- DE 102007028307 A 20070620

Abstract (en)

[origin: CA2692045A1] The invention relates to the use of at least one oil-soluble olefin copolymer B) which acts as a nucleating agent for paraffin crystallization for improving the response of cold flow improvers for mineral oils C), which are different from B), in middle distillates that contain at least one ashless, nitrogenous detergent additive A), which is an oil-soluble, amphiphilic compound that comprises at least one alkyl or alkenyl group bound to a polar group, said alkyl or alkenyl group having 10 to 500 C atoms and the polar group having 2 or more nitrogen atoms.

IPC 8 full level

C10L 1/14 (2006.01); **C10L 1/16** (2006.01); **C10L 10/14** (2006.01)

CPC (source: EP KR US)

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