

Title (en)

Middle distillates of petroleum, suitable as diesel fuel or as light heating oil, and with improved filtration properties.

Title (de)

Mitteldestillate des Erdöls, die als Dieseltreibstoffe oder leichtes Heizöl geeignet sind, mit verbesserter Filtrierbarkeit.

Title (fr)

Distillats moyens de pétrole, appropriés comme huile de diesel et huile de chauffe légère, ayant une filtrabilité améliorée.

Publication

EP 0007590 A1 19800206 (DE)

Application

EP 79102558 A 19790720

Priority

- DE 2832738 A 19780726
- DE 2908564 A 19790305

Abstract (en)

1. Middle distillates of petroleum suitable for use as diesel fuels or light fuel oil, having improved filterability and improved flow behaviour and containing small amounts of modifiers in the form of copolymers selected from the group consisting of binary copolymers of ethylene and a vinyl ester of a C2 - or C3 -alkanecarboxylic acid and binary copolymers of ethylene and a C1 - to C8 -alkyl ester of a C3 - or C4 -alkenemonocarboxylic acid, the copolymers containing 60 to 95 % by weight of ethylene units and 5 to 40 % by weight of units of the olefinically unsaturated ester and having a melt viscosity, measured according to DIN 51 562 (ASTM D 445) at 120 degrees C, of from 100 to 5000 mm**2/sec, characterized in that they contain, in addition to the copolymers, from 0.1 to 10 % by volume, based on the copolymer, of the monomeric vinyl ester of a C2 - to C3 - alkanecarboxylic acid or a C1 - to C8 -alkyl ester of a C3 - to C4 -alkenecarboxylic acid.

Abstract (de)

Mitteldestillate des Erdöls, die als Dieseltreibstoffe oder leichtes Heizöl geeignet sind, mit verbesserter Filtrierbarkeit und verbessertem Fließverhalten mit einem Gehalt geringer Mengen Copolymerer, insbesondere aus Äthylen und Vinylacetat, wobei die Copolymere 0,1 bis 10 vol.% Monomere, z.B. Vinylacetat enthalten. Dadurch wird die Abscheidung höhermolekularer Anteile verhindert.

IPC 1-7

C10L 1/18

IPC 8 full level

C10L 1/18 (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

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Citation (search report)

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