

Title (en)

Use of oligomers, respectively cooligomers of (meth)acrylates esters and 1-alkenes as synthetic oils.

Title (de)

Verwendung von Oligomeren bzw. Cooligomeren von (Meth)acrylsäureestern und 1-Alkenen als Syntheseöle.

Title (fr)

Utilisation des oligomères ou des co-oligomères, respectivement obtenus à partir d'esters (méth)acrylates et de 1-alcènes en tant que huiles synthétiques.

Publication

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Application

EP 91113123 A 19910805

Priority

DE 4025494 A 19900811

Abstract (en)

[origin: EP0471266A1] The invention relates to synthetic oils containing, in addition to conventional components, 5 to 100% by weight of cooligomers of (meth)acrylates and 1-alkenes, the cooligomers CM being composed of A) 0 - 75% by weight of at least one 1-alkene having 4 to 32 carbon atoms in the molecule, B) 20 - 100% by weight of at least one (meth)acrylate of the formula I <IMAGE> wherein R represents hydrogen or methyl and R1 represents a straight-chain or branched alkyl radical or a cycloalkyl radical having 4 to 32 carbon atoms in the alkyl radical and C) 0 - 65% by weight of a (meth)acrylate of the formula II <IMAGE> wherein R' represents hydrogen or methyl and R2 represents an alkyl radical which is substituted by at least one hydroxyl group and has 2 to 6 carbon atoms, or represents a radical <IMAGE> wherein R3 and R4 denote hydrogen or methyl, R5 denotes hydrogen or a straight-chain or branched alkyl radical having 1 to 40 carbon atoms and n denotes an integer from 1 to 60, with the proviso that, when n represents 1, R5 simultaneously represents a straight-chain or branched alkyl radical having 1-40 carbon atoms.

IPC 1-7

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IPC 8 full level

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Cited by

WO2020099078A1; WO2011088929A1; EP0566048A1; US6080794A; CN1045618C; US11603425B2; WO2020099079A1; DE102010001040A1; US11453837B2; WO2014065984A1; EP4015604A1; US11618797B2; EP4282936A1; US11981877B2

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