

Title (en)

ADDITIVE COMPOSITIONS, ESPECIALLY TO IMPROVE THE COLD FILTRATION PROPERTIES OF PETROLEUM MIDDLE DISTILLATES

Publication

**EP 0172758 B1 19871216 (FR)**

Application

**EP 85401312 A 19850628**

Priority

FR 8410979 A 19840710

Abstract (en)

[origin: US4664676A] Additive compositions, useful in particular for improving the cold filterability properties of oil middle distillates, comprise: (A) at least one ethylene polymer; and (B) at least one polymeric compound resulting from the condensation of at least one compound comprising a primary amine group, of formula  $R-Z[(CH_2)_nNH]mH$  or  $HO-CH_2-R''-NH_2$  wherein R is an alkyl from C1 to C30, Z is -NH-, -NR'- or -O-, R' being a C1-C30 alkyl, n an integer from 2 to 4, m an integer from 1 to 4 (or zero when Z is -NH-), R'' is a C1-C18 alkylene, with a copolymer of a linear alpha-olefin, of an unsaturated alpha, beta-dicarboxylic compound and of an alkyl ester of an unsaturated monocarboxylic acid, or a vinyl ester of a saturated monocarboxylic acid. These additive compositions, used for example at concentrations from 50 to 500 g/m<sup>3</sup>, have a synergic effect on the filterability limit temperature of the middle distillates, particularly gas-oils.

IPC 1-7

**C10L 1/22**

IPC 8 full level

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CPC (source: EP US)

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