

Title (en)

LOW TEMPERATURE OPERABILITY ADDITIVE COMPOSITIONS OF AVERAGE DISTILLATES

Title (de)

ADDITIVZUSAMMENSETZUNG ZUR VERBESSERUNG DER KÄLTEFLIESS- EIGENSCHAFTEN VON MITTELDESTILLATE

Title (fr)

COMPOSITION D'ADDITIFS D'OPERABILITE A FROID DES DISTILLATS MOYENS

Publication

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Application

**EP 94928929 A 19940929**

Priority

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Abstract (en)

[origin: US5725610A] PCT No. PCT/FR94/01138 Sec. 371 Date Aug. 13, 1996 Sec. 102(e) Date Aug. 13, 1996 PCT Filed Sep. 29, 1994 PCT Pub. No. WO95/09220 PCT Pub. Date Apr. 6, 1995 Additive composition enhancing the low temperature operability of average distillates beyond -20 DEG C. comprising at least 40% by weight of a composition consisting of: i) from 60 to 94% by weight of an antisedimentation additive resulting from the reaction of at least one aliphatic dicarboxylic compound and one polyamine of general formula (II) wherein R is a saturated aliphatic radical comprising from 1 to 32 carbon atoms, n is 2-4 and m is 1-4; and ii) 6-40 % by weight of a dispersing-stabilizing additive having a molecular weight varying from 15000 to 50000 resulting from the esterification reaction of a linear alcohol having from 6 to 24 atoms with an organic acid such as maleic acid and its halides, the ester obtained being polymerized with itself or a copolymerizing compound selected from aliphatic dicarboxylic compounds.

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IPC 8 full level

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