

Title (en)

USE OF SPECIFIC COPOLYMERS FOR IMPROVING THE COLD PROPERTIES OF FUELS OR COMBUSTIBLES

Title (de)

VERWENDUNG SPEZIELLER COPOLYMERE ZUR VERBESSERUNG DER KÄLTEEIGENSCHAFTEN VON KRAFTSTOFFEN ODER BRENNSTOFFEN

Title (fr)

UTILISATION DE COPOLYMÈRES SPÉCIFIQUES POUR AMÉLIORER LES PROPRIÉTÉS À FROID DE CARBURANTS OU COMBUSTIBLES

Publication

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Application

**EP 19755939 A 20190823**

Priority

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Abstract (en)

[origin: WO2020043618A1] The subject matter of the present invention is the use, for improving the cold-resistance properties of a fuel or combustible composition, of one or more copolymers comprising: - at least one unit of formula (I): in which R1 is a hydrogen atom or a methyl group; X is -O-CO-, or -CO-O- or -NH-CO- or -CO-NH-; R2 is a C6 to C24 alkyl group; and at least one unit of formula (II): in which R is a substituted or unsubstituted imidazole ring. The invention also relates to compositions of additives containing such a polymer, and also fuel or combustible compositions to which such polymers have been added, preferably in combination with a cold flow improver (CFI) additive or a paraffin anti-settling additive (WASA).

IPC 8 full level

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Citation (examination)

- CN 101691508 B 20121003 - JINAN DEV ZONE XINGHUO SCIENCE & TECHNOLOGY RES INST
- EP 0448166 B1 19951004 - SHELL INT RESEARCH [NL]
- WO 2017109370 A1 20170629 - TOTAL MARKETING SERVICES [FR]
- US 5743923 A 19980428 - DAVIES BRIAN WILLIAM [GB], et al

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