

Title (en)
ETHYLENE/VINYL ACETATE/UNSATURATED ESTERS TERPOLYMER AS ADDITIVE ENCHANCING THE LOW-TEMPERATURE RESISTANCE OF LIQUID HYDROCARBONS

Title (de)
TERPOLYMER VON ETHYLEN, VINYLACETAT UND UNGESÄTTIGTEN ESTERN ALS ADDITIV ZUR VERBESSERUNG DER TIEFTEMPERATURBESTÄNDIGKEIT VON FLÜSSIGEN KOHLENWASSERSTOFFEN

Title (fr)
TERPOLYMERES ETHYLENE/ACETATE DE VINYLE /ESTERS INSATURES COMME ADDITIF AMELIORANT LA TENUE A FROID DES HYDROCARBURES LIQUIDES

Publication
EP 2238225 A2 20101013 (FR)

Application
EP 08872789 A 20081223

Priority
• FR 2008001817 W 20081223
• FR 0709168 A 20071228

Abstract (en)
[origin: FR2925916A1] Use of at least one copolymer comprising at least one alpha-olefin (78-87 mol.%), preferably ethylene; vinyl ester (12-28 mol.%), preferably at least vinyl acetate; and at least one alpha-beta unsaturated mono-carboxylic acid ester (1-4 mol.%), preferably at least 2-ethyl hexyl acrylate, as an additive for improving cold resistance and filterability of fuel, is claimed. An independent claim is included for a hydrocarbon composition comprising large quantity of medium distillate having a boiling temperature of 100-500[deg] C and minor quantity of the copolymer.

IPC 8 full level
C10L 1/197 (2006.01); **C10L 1/14** (2006.01); **C10L 10/14** (2006.01)

CPC (source: EP US)
C10L 1/143 (2013.01 - EP US); **C10L 1/1973** (2013.01 - EP US); **C10L 10/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2009106744A2

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DOCDB simple family (publication)
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FR 0709168 A 20071228; AR P080105729 A 20081223; AU 2008351922 A 20081223; BR PI0820066 A 20081223; CA 2710839 A 20081223; CL 2008003911 A 20081226; CN 200880125734 A 20081223; DK 08872789 T 20081223; EA 201070807 A 20081223; EP 08872789 A 20081223; ES 08872789 T 20081223; FR 2008001817 W 20081223; HR P20170032 T 20170110; HU E08872789 A 20081223; JP 2010540159 A 20081223; KR 20107016529 A 20081223; LT 08872789 T 20081223; MA 33024 A 20100716; MX 2010007225 A 20081223; MY PI2010003016 A 20081223; PL 08872789 T 20081223; PT 08872789 T 20081223; SG 201004491 A 20081223; SI 200831747 A 20081223; TW 97150368 A 20081224; UA A201009398 A 20081223; US 81071508 A 20081223; ZA 201005265 A 20100723