

Title (en)

Cold flow improver for fuel oils of animal or vegetable origin

Title (de)

Kaltfliessverbesserer für Brennstofföle pflanzlichen oder tierischen Ursprungs

Title (fr)

Agent d'amélioration de l'écoulement à froid pour huiles combustibles d'origine végétale ou animale

Publication

EP 1526167 A3 20050511 (DE)

Application

EP 04024234 A 20041012

Priority

DE 10349851 A 20031025

Abstract (en)

[origin: EP1526167A2] New additive comprises a copolymer (I) of ethylene and 8-21 mole% of an acrylic or vinyl ester with a C1-C18 alkyl group and a comb polymer (II) of an olefin (IIa) with a C8-C18 alkyl group attached to the double bond and an ethylenically unsaturated dicarboxylic acid amide or imide (IIb) with a C8-C16 alkyl group attached to the amide or imide group, where the sum Q of the molar average alkyl chain lengths in (IIa) and (IIb) is 23-27. An independent claim is also included for a fuel oil composition comprising a fuel oil of animal or vegetable origin and an additive as above.

IPC 1-7

C10L 1/14; **C10L 1/18**; **C10L 1/22**

IPC 8 full level

C10L 1/192 (2006.01); **C08F 8/32** (2006.01); **C08F 210/02** (2006.01); **C08F 218/04** (2006.01); **C08F 220/10** (2006.01); **C10L 1/02** (2006.01); **C10L 1/14** (2006.01); **C10L 1/195** (2006.01); **C10L 1/196** (2006.01); **C10L 1/197** (2006.01); **C10L 1/22** (2006.01); **C10L 1/234** (2006.01); **C10L 1/236** (2006.01); **C10L 10/14** (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP KR US)

C10L 1/143 (2013.01 - EP US); **C10L 1/146** (2013.01 - EP US); **C10L 1/1955** (2013.01 - EP US); **C10L 1/1963** (2013.01 - EP US); **C10L 1/1973** (2013.01 - EP US); **C10L 1/22** (2013.01 - KR); **C10L 1/2364** (2013.01 - EP US); **C10L 1/19** (2013.01 - EP US); **C10L 1/221** (2013.01 - EP US); **C10L 1/224** (2013.01 - EP US)

Citation (search report)

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