

Title (en)
FUEL COMPOSITIONS

Publication
EP 0360419 B1 19920930 (EN)

Application
EP 89308510 A 19890822

Priority
GB 8820071 A 19880824

Abstract (en)
[origin: EP0360419A1] Cold flow properties are improved by adding in minor proportion by weight to a distillate fuel oil a polymer of a C1 to C17 alkyl vinyl ether. This polymer may be a homopolymer, a mixture of homopolymers, a copolymer of alkyl vinyl ethers of different alkyl chain length, a copolymer of one or more alkyl vinyl ethers with one or more copolymerisable monomers or a mixture of such copolymers. Typical copolymers are copolymers of alkyl vinyl ethers with alkyl acrylates, alkyl methacrylates, olefins, dialkyl fumarates or maleates, eg copolymers of n-butyl vinyl ether with di(n-tetradecyl) fumarate. Other polymers are copolymers of an alkyl vinyl ether with an ethylenically unsaturated carboxylic acid or anhydride, subsequently reacted with an alcohol or an amine or both, eg a copolymer of methyl vinyl ether and maleic anhydride reacted with n-tetradecanol, n-hexadecanol or a mixture of these alcohols.

IPC 1-7
C10L 1/14; **C10L 1/18**; **C10L 1/22**

IPC 8 full level
C10L 1/192 (2006.01); **C10L 1/14** (2006.01); **C10L 1/18** (2006.01); **C10L 1/195** (2006.01); **C10L 1/196** (2006.01); **C10L 1/22** (2006.01); **C10L 1/224** (2006.01); **C10L 1/236** (2006.01); **C10L 10/14** (2006.01)

CPC (source: EP KR)
C10L 1/146 (2013.01 - EP); **C10L 1/18** (2013.01 - KR); **C10L 1/1955** (2013.01 - EP); **C10L 1/1963** (2013.01 - EP); **C10L 1/1966** (2013.01 - EP); **C10L 1/22** (2013.01 - KR); **C10L 1/2364** (2013.01 - EP)

Cited by
US5205839A; EP0654526A3; TR28208A; EP0485774A1; US5214224A; US5232963A; EP0486836A1; EP0463518A1; US5200484A; EP0890633A1; DE19729055A1; DE19729055C2; US6846338B2; WO2024115211A1; WO9400535A1; WO2004035715A1

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