

Title (en)

FRICTION MODIFIER FOR HYDROCARBON FUELS

Title (de)

REIBUNGSMODIFIZIERUNGSVERBINDUNG FÜR KOHLENWASSERSTOFFKRAFTSTOFFE

Title (fr)

MODIFICATEUR DE COEFFICIENT DE FROTTEMENT POUR COMBUSTIBLES HYDROCARBONES

Publication

EP 1481040 A1 20041201 (EN)

Application

EP 03702764 A 20030213

Priority

- GB 0300643 W 20030213
- GB 0204241 A 20020222

Abstract (en)

[origin: WO03070860A1] There is provided a friction modifier of the formula R1-L-N(R2)(R3) wherein R1 is a hydrocarbyl group that has a number average molecular weight (Mn) of from 500 to 5000; L is an optional linker group; and R2 and R3 are independently selected from H, a hydrocarbyl group and a bond to optional group L, wherein at least one of R2 and R3 is H or a hydrocarbyl group, with the proviso that if one of R2 and R3 is a hydrocarbyl group and the other of R2 and R3 is H, the hydrocarbyl group does not contain a terminal amine.

IPC 1-7

C10L 1/14; **C10L 1/22**; **C10L 10/04**; **C10L 10/00**

IPC 8 full level

C10L 1/22 (2006.01); **C10L 1/14** (2006.01); **C10L 1/222** (2006.01); **C10L 1/224** (2006.01); **C10L 1/238** (2006.01); **C10L 10/00** (2006.01); **C10L 10/04** (2006.01); **C10L 10/08** (2006.01); **C10L 1/18** (2006.01)

CPC (source: EP KR US)

C10L 1/143 (2013.01 - EP US); **C10L 1/22** (2013.01 - KR); **C10L 1/238** (2013.01 - EP US); **C10L 10/08** (2013.01 - EP US); **C10L 1/1985** (2013.01 - EP US); **C10L 1/2383** (2013.01 - EP US); **C10L 1/2387** (2013.01 - EP US)

Citation (search report)

See references of WO 03070860A1

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DOCDB simple family (application)

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