

Title (en)

Lubricant composition comprising a flow improver having a bi-modal side-chain distribution

Title (de)

Schmiermittelzusammensetzung enthaltend einen Fließverbesserer mit einem bimodalen Seitenkettenverteilung

Title (fr)

Composition lubrifiante comprenant un agent d'amélioration de l'écoulement comportant une distribution de chaîne latérale bimodale

Publication

EP 2071013 B1 20171108 (EN)

Application

EP 08105917 A 20081202

Priority

US 94908307 A 20071203

Abstract (en)

[origin: EP2071013A2] A lubricant composition is disclosed. The lubricant composition is made up of (a) an API Group III base stock; (b) one or more semi-crystalline viscosity modifier; and (c) one or more LOFIs having a side-chain distribution which satisfies the following requirements: (1) the distribution contains side chains ranging from C 8 to C 18 with an average carbon number ranging from 12.4 to 14.4; (2) the side chain distribution is bi-modal with a lower portion of the bi-modal distribution made up primarily of C 12 and an upper portion of the distribution made up primarily of C 16, C 18 or combinations thereof; (3) the total mole % of the upper portion of the distribution must be less than that of the lower portion of the distribution; and (4) the amount of C 12 on the side chain must be at least 40 mole % of the total side chain distribution.

IPC 8 full level

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CPC (source: EP US)

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C-Set (source: EP US)

EP

1. **C10M 2205/022 + C10M 2205/024**
2. **C10M 2203/1006 + C10N 2020/02**

US

1. **C10M 2203/1006 + C10N 2020/02**
2. **C10M 2205/022 + C10M 2205/024**

Citation (examination)

GB 635903 A 19500419 - STANDARD OIL DEV CO

Cited by

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DOCDB simple family (publication)

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