Title (en)

MARINE ENGINE LUBRICATION

Title (de)

SCHMIERUNG VON SCHIFFSMOTOREN

Title (fr)

Lubrification de moteurs marins

Publication

EP 2417234 B1 20130605 (EN)

Application

EP 10713313 A 20100331

Priority

- EP 2010002131 W 20100331
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Abstract (en)

[origin: WO2010115594A1] Trunk piston marine engine lubrication, when the engine is fueled by heavy fuel oil, is effected by a composition comprising a major amount of an oil of lubricating viscosity containing at least 50 mass % of a basestock containing greater than or equal to 90% saturates and less than or equal to 0.03% sulphur or a mixture thereof, and respective minor amounts of an overbased metal hydrocarbyl-substituted hydroxybenzoate detergent other than such a detergent having a basicity index of less than two and a degree of carbonation of 80% or greater and at least 1 mass % of a hydrocarbyl-substituted carboxylic acid, anhydride, ester or amide thereof. Asphaltene precipitation in the lubricant, caused by the presence of contaminant heavy fuel oil, is prevented or inhibited.

IPC 8 full level

C10M 169/04 (2006.01); C10N 10/04 (2006.01); C10N 30/04 (2006.01); C10N 40/25 (2006.01)

CPC (source: EP KR US)

C10M 141/12 (2013.01 - KR); **C10M 169/04** (2013.01 - KR); **C10M 169/045** (2013.01 - EP US); C10M 2203/10 (2013.01 - EP US); C10M 2203/1006 (2013.01 - EP US); C10M 2203/1025 (2013.01 - EP US); C10M 2205/0285 (2013.01 - EP US); C10M 2207/126 (2013.01 - EP US); C10M 2207/127 (2013.01 - EP US); C10M 2207/129 (2013.01 - EP US); C10M 2207/262 (2013.01 - EP US); C10M 2207/282 (2013.01 - EP US); C10M 2215/08 (2013.01 - EP US); C10M 2215/28 (2013.01 - EP US); C10M 2219/089 (2013.01 - EP US); C10N 2010/04 (2013.01 - EP US); C10N 2030/04 (2013.01 - EP US); C10N 2040/252 (2020.05 - EP US)

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