

Title (en)
MARINE ENGINE LUBRICATION

Title (de)
SCHMIERUNG VON SCHIFFSMOTOREN

Title (fr)
LUBRIFICATION DE MOTEURS MARINS

Publication
EP 2417233 B1 20130626 (EN)

Application
EP 10711851 A 20100331

Priority
• EP 2010002132 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)

C-Set (source: EP US)
1. **C10M 2203/1025 + C10N 2020/02**
2. **C10M 2207/262 + C10N 2010/04**

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EP2675876B1; EP2675876B2

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DOCDB simple family (publication)
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