

Title (en)
LUBRICATING OIL COMPOSITION COMPRISING AN ADDITIVE COMBINATION OF A CARBOXYLIC ACID AND AN AMINE AS ANT-RUST AGENT

Title (de)
SCHMIERÖLZUSAMMENSETZUNG ENTHALTEND EIN GEMISCH AUS CARBOXYLSÄUREN UND AMINEN ALS ROSTSCHUTZMITTEL

Title (fr)
COMPOSITION D'HUILE LUBRIFIANTE COMPRENANT UNE COMBINAISON D'ADDITION COMPOSEE D'UN ACIDE CARBOXYLIQUE ET D'UNE AMINE EN TANT QU'AGENT ANTIROUILLE

Publication
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Application
EP 02745288 A 20020507

Priority
• EP 0205066 W 20020507
• JP 2001142228 A 20010511

Abstract (en)
[origin: WO02092735A1] Lubricating oil composition comprising a minor amount of an additive combination comprising (i) a carboxylic acid-based or carboxylic acid ester based anti-rust agent; (ii) at least one type of amine selected from among the group comprising (A) the alkyl amines which can be represented by general formula (1) $(R_{<1>})_nNH_3-n$, wherein $R_{<1>}$ represents a saturated or unsaturated alkyl group which has from 12 to 30 carbon atoms, and n is an integer of value 1 or 2; and (B) the N-alkylpolyalkylenediamines which can be represented by general formula (2) $R_{<2>}NH(CH_2)_mNH_2$, wherein $R_{<2>}$ represents a saturated or unsaturated alkyl group which has from 12 to 30 carbon atoms, and m is an integer of value from 2 to 5; and a major amount of lubricating oil base oil.

IPC 8 full level
C10M 141/00 (2006.01); **C10M 169/04** (2006.01); **C10M 101/02** (2006.01); **C10M 105/04** (2006.01); **C10M 107/02** (2006.01); **C10M 129/40** (2006.01); **C10M 129/44** (2006.01); **C10M 129/58** (2006.01); **C10M 129/93** (2006.01); **C10M 129/95** (2006.01); **C10M 133/06** (2006.01); **C10M 135/26** (2006.01); **C10M 137/02** (2006.01); **C10M 137/10** (2006.01); **C10M 141/10** (2006.01); **C10M 129/36** (2006.01); **C10M 129/76** (2006.01); **C10M 137/04** (2006.01); **C10N 20/00** (2006.01); **C10N 20/02** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01); **C10N 40/00** (2006.01); **C10N 40/02** (2006.01); **C10N 40/04** (2006.01); **C10N 40/08** (2006.01); **C10N 40/12** (2006.01); **C10N 40/30** (2006.01)

CPC (source: EP KR US)
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