

Title (en)
A LUBRICATING OIL COMPOSITION

Title (de)
SCHMIERÖLZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'HUILE DE LUBRIFICATION

Publication
EP 2390306 A1 20111130 (EN)

Application
EP 10191164 A 20101115

Priority

- EP 09177667 A 20091201
- EP 10191164 A 20101115

Abstract (en)
A crankcase lubricating oil composition comprising (A) an oil of lubricating viscosity; and (B) as an additive component one or more oil-soluble organic acid anhydrides, the or each anhydride carrying at least one linear (unbranched) aliphatic hydrocarbyl substituent having 12 to 36 carbon atoms.

IPC 8 full level

C10M 129/38 (2006.01); **C10M 129/42** (2006.01); **C10M 169/04** (2006.01); **C10N 30/06** (2006.01); **C10N 30/10** (2006.01); **C10N 40/25** (2006.01)

CPC (source: EP US)

C10M 129/38 (2013.01 - EP US); **C10M 129/42** (2013.01 - EP US); **C10M 169/04** (2013.01 - EP US); **C10M 2207/125** (2013.01 - EP US);
C10M 2207/127 (2013.01 - EP US); **C10M 2207/129** (2013.01 - EP US); **C10N 2030/06** (2013.01 - EP US); **C10N 2030/10** (2013.01 - EP US);
C10N 2040/25 (2013.01 - EP US)

Citation (applicant)

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Citation (search report)

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- [A] WO 9714772 A1 19970424 - EXXON CHEMICAL PATENTS INC [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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EP 2390306 B1 20190814; JP 2011122158 A 20110623; JP 5646311 B2 20141224; SG 171568 A1 20110629

DOCDB simple family (application)

US 95494710 A 20101129; CA 2723531 A 20101130; CN 201010576107 A 20101201; EP 10191164 A 20101115; JP 2010282320 A 20101201;
SG 2010088359 A 20101130