

Title (en)

Lubricating oil composition containing a mixture of metal salts of aromatic organic acids

Title (de)

Schmiermittelzusammensetzung die eine Mischung von Metallsalzen organischer Säuren enthalten

Title (fr)

Composition lubrifiante contenant un mélange de sels de métaux d'acides organiques

Publication

EP 0881276 A2 19981202 (EN)

Application

EP 98304250 A 19980529

Priority

- JP 15788797 A 19970530
- JP 10409098 A 19980331

Abstract (en)

To provide a novel lubricating oil composition containing an organic acid metal salt having excellent friction coefficient reducing effects. A lubricating oil composition comprising a lubricating base stock and an effective amount of a mixture of metal salts of chain-hydrocarbon-group-substituted aromatic organic acids. Each of the aromatic groups has been substituted by at least one chain hydrocarbon group. The number of chain hydrocarbon groups each carrying at C-2 or C-3 thereof the associated aromatic group bonded thereto is in a range of from 30% to 90% of the total number of the chain hydrocarbon groups.

IPC 1-7

C10M 129/10; **C10M 129/36**; **C10M 129/44**; **C10M 135/10**; **C10M 135/30**; **C10M 137/12**; **C10M 159/20**; **C10M 159/22**; **C10M 159/24**

IPC 8 full level

C10M 135/28 (2006.01); **C10M 129/10** (2006.01); **C10M 129/36** (2006.01); **C10M 129/44** (2006.01); **C10M 135/10** (2006.01); **C10M 135/30** (2006.01); **C10M 137/12** (2006.01); **C10M 159/20** (2006.01); **C10M 159/22** (2006.01); **C10M 159/24** (2006.01); **C10N 10/04** (2006.01); **C10N 30/06** (2006.01); **C10N 40/04** (2006.01)

CPC (source: EP US)

C10M 129/10 (2013.01 - EP); **C10M 129/36** (2013.01 - EP); **C10M 129/44** (2013.01 - EP); **C10M 135/10** (2013.01 - EP); **C10M 135/30** (2013.01 - EP); **C10M 137/12** (2013.01 - EP); **C10M 159/20** (2013.01 - EP); **C10M 159/22** (2013.01 - EP); **C10M 159/24** (2013.01 - EP US); **C10M 2207/027** (2013.01 - EP); **C10M 2207/028** (2013.01 - EP); **C10M 2207/144** (2013.01 - EP); **C10M 2207/146** (2013.01 - EP); **C10M 2207/289** (2013.01 - EP); **C10M 2219/044** (2013.01 - EP); **C10M 2219/046** (2013.01 - EP); **C10M 2219/087** (2013.01 - EP); **C10M 2219/088** (2013.01 - EP); **C10M 2219/089** (2013.01 - EP); **C10M 2223/065** (2013.01 - EP); **C10N 2010/02** (2013.01 - EP); **C10N 2010/04** (2013.01 - EP); **C10N 2010/06** (2013.01 - EP); **C10N 2010/10** (2013.01 - EP); **C10N 2010/12** (2013.01 - EP); **C10N 2010/14** (2013.01 - EP); **C10N 2010/16** (2013.01 - EP US); **C10N 2040/08** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0881276 A2 19981202; **EP 0881276 A3 19990908**; CA 2235449 A1 19981130; JP 4632465 B2 20110216; JP H1143684 A 19990216

DOCDB simple family (application)

EP 98304250 A 19980529; CA 2235449 A 19980525; JP 10409098 A 19980331