

Title (en)

Friction modifier comprising metal sulfonate and lubricating oil composition containing the same

Title (de)

Metallsulfonatenthaltendes Reibungsmodifizierungsmittel und dieses enthaltende Schmierölzusammensetzung

Title (fr)

Agent modifiant la friction comprenant un sulfonate de métal et composition d'huile lubrifiante le contenant

Publication

**EP 0881277 A3 19990908 (EN)**

Application

**EP 98304251 A 19980529**

Priority

- JP 15792197 A 19970531
- JP 10402198 A 19980331

Abstract (en)

[origin: EP0881277A2] Novel metal sulfonates having friction reducing ability and also various lubricating oil compositions containing the metal sulfonates are disclosed. The metal sulfonates which provide a friction modifier comprise a metal sulfonate composed of an organic sulfonic group, which contains a hydrocarbon group, and a metal. The hydrocarbon group of the organic sulfonic group is a chain hydrocarbon group or an aromatic group with at least one chain hydrocarbon group bonded thereto. The chain hydrocarbon group has an alkyl chain linearity of 20% or higher as determined by a carbon nuclear magnetic resonance measurement (<13>C-NMR measurement). Lubricating oil compositions added with the metal sulfonate are also provided.

IPC 1-7

**C10M 135/10**; **C10M 159/24**

IPC 8 full level

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Citation (search report)

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