Title (en)

The use of an additive composition to improve wet filterability of lubricating compositions

Title (de)

Verwendung einer Additivzusammensetzung zur Verbesserung der Filtrierbarkeit von mit Wasser kontaminierten Schmiermittelzusammensetzungen

Title (fr)

Utilisation d'une composition d'additif pour améliorer la filtrabilité de compositions lubrifiantes en présence d'eau

Publication

**EP 0551466 B1 19980617 (EN)**

Application

**EP 92915925 A 19920715**

Priority

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- US 73901791 A 19910731

Abstract (en)

[origin: WO9303121A1] This invention relates to compositions comprising a major amount of an oil of lubricating viscosity, (A) a metal salt selected from the group consisting of sulfonates, phenates, carboxylates and mixtures thereof, (B) an aliphatic carboxylic acid or anhydride, or carboxylic acid containing derivative thereof, wherein the aliphatic group contains at least about 20 carbon atoms and optionally (C) a metal salt of (C) (I) at least one organic phosphorus acid or a mixture of (C) (I) at least one organic phosphorus acid and (C) (II) at least one carboxylic acid. Also disclosed are lubricants and functional fluids containing these additives, methods for improving the wet filterability of lubricants and functional fluids, and means for retaining zinc when zinc-containing compositions are exposed to water.

IPC 1-7

**C10M 141/10**; C10M 163/00

IPC 8 full level

**C08K 3/04** (2006.01); **C08K 3/40** (2006.01); **C08K 7/06** (2006.01); **C08K 7/14** (2006.01); **C08L 71/12** (2006.01); **C10M 129/38** (2006.01); **C10M 129/68** (2006.01); **C10M 129/92** (2006.01); **C10M 129/95** (2006.01); **C10M 137/02** (2006.01); **C10M 137/04** (2006.01); **C10M 137/10** (2006.01); **C10M 141/10** (2006.01); **C10M 159/20** (2006.01); **C10M 163/00** (2006.01); C10N 10/02 (2006.01); C10N 10/04 (2006.01); C10N 10/06 (2006.01); C10N 10/08 (2006.01); C10N 10/12 (2006.01); C10N 10/14 (2006.01); C10N 10/16 (2006.01); C10N 30/00 (2006.01); C10N 40/08 (2006.01); C10N 40/20 (2006.01); C10N 40/25 (2006.01)

IPC 8 main group level

**C10M** (2006.01)

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