

Title (en)

PHOSPHATE ESTER COMPOSITIONS IN A WEIGHT RATIO GREATER THAN 1:1 MONOALKYL TO DIALKYL PHOSPHATE USED AS LUBRICANT ADDITIVES

Title (de)

DIE VERWENDUNG ALS SCHMIERMITTELZUSÄTZE VON PHOSPHATESTER ZUSAMMENSETZUNGEN DIE MONOALKYL UND DIALKYL PHOSPHAT IM GEWICHTSVERHÄLTNIS GRÖSSER ALS 1:1 ENTHALTEN

Title (fr)

COMPOSITIONS A BASE DE PHOSPHATE ESTERS AVEC RAPPORT DE POIDS MONOALKYL PHOSPHATE:DIALKYL PHOSPHATE SUPERIEUR A UN, UTILISEES COMME ADDITIFS POUR LUBRIFIANTS

Publication

EP 1151062 A1 20011107 (EN)

Application

EP 99966612 A 19991222

Priority

- US 9930762 W 19991222
- US 11338998 P 19981223

Abstract (en)

[origin: WO0037591A1] Alkyl phosphate esters having a high monoalkyl content are used as lubricating additives in functional and lubricating fluids. The esters have a weight ratio of monoalkyl phosphate esters to dialkyl phosphate esters of greater than one. The alcohols from which the esters are prepared are preferably non-ethoxylated. The functional or lubricating fluids can be oil-based or aqueous based.

IPC 1-7

C10M 137/06; C10M 137/08; C10M 173/00; C07F 9/11

IPC 8 full level

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C10M 137/08 (2006.01); **C10M 173/00** (2006.01); **C10N 30/06** (2006.01)

CPC (source: EP KR)

C10M 137/04 (2013.01 - KR); **C10M 137/06** (2013.01 - EP); **C10M 137/08** (2013.01 - EP); **C10M 173/00** (2013.01 - EP);
C10M 2201/02 (2013.01 - EP); **C10M 2207/40** (2013.01 - EP); **C10M 2207/404** (2013.01 - EP); **C10M 2223/04** (2013.01 - EP);
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C10M 2225/02 (2013.01 - EP); **C10N 2040/08** (2013.01 - EP); **C10N 2040/20** (2013.01 - EP); **C10N 2040/22** (2013.01 - EP);
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Citation (search report)

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