

Title (en)

Conveyor track lubricant composition employing phosphate esters and method of using same.

Title (de)

Schmiermittelzusammensetzung für ein Transportband und Verfahren zur Anwendung.

Title (fr)

Composition lubrifiante pour convoyeur utilisant des esters d'acide phosphoniques et méthode pour son utilisation.

Publication

EP 0137057 A1 19850417 (EN)

Application

EP 83109715 A 19830928

Priority

CA 434509 A 19830812

Abstract (en)

It has been found that a conveyor system can be lubricated with dilute [1.0×10^{-3} to 10^{-1} M] aqueous solutions of a partially neutralized mono phosphate ester of the formula: $\text{R}_n\text{C}_n\text{H}_{2n+1}\text{O}_2\text{P}$ wherein n has a value 0 to 3 and R is a C12 to C20 saturated or partially unsaturated linear alkyl group, or a mixture of such groups. The use of a synergist such as a long-chain alcohol, a fatty-acid derived amine oxide, or urea improves the properties of the lubricant compositions.

IPC 1-7

C10M 173/00; C10M 105/74

IPC 8 full level

C10M 173/00 (2006.01); **C10M 173/02** (2006.01); C10N 30/06 (2006.01); C10N 40/00 (2006.01); C10N 40/32 (2006.01)

CPC (source: EP)

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Citation (search report)

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