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(54) Title: LUBRICANT COMPOSITION

(57) Abstract: The invention refers to lubricant compositions, said lubricant compositions being particularly preferred for conveyor systems, especially in the foodstuff industry, which are suitable for lubricating, cleaning and disinfecting of the transport chains. More specifically, the invention refers to lubricant compositions for conveyor systems comprising: a) one or more phosphoric acid esters; and b) one or more ether carboxylates; and e) water; and c) one or more C<sub>6</sub>-C<sub>22</sub> fatty acids, optionally ethoxylated with 1 to 20 moles of ethylene oxide; and/or d) one or more C<sub>6</sub>-C<sub>22</sub> fatty alcohols, optionally ethoxylated with 1 to 20 moles of ethylene oxide wherein the weight ratio of component (a) to component (b) is in the range of 9:1 to 1:3. Said lubricant compositions can be used in conveyor systems for glass and/or plastic bottles, such as polyethylen terephthalate (PET) or polycarbonate (PC); cans, glass containers, drums, cardboard containers and similar items.



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## INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. C10M173/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 C10M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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Y	US 5 062 979 A (SCHARF ET AL) 5 November 1991 (1991-11-05) cited in the application claim 1; examples	1-18
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 2004/167044 A1 (RUHR RICHARD O ET AL) 26 August 2004 (2004-08-26) example 1; table 1 -----	1-18

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