

Title (en)
Aqueous lubricant compositions

Title (de)
Wässrige Schmiermittelzusammensetzungen

Title (fr)
Des compositions lubrifiantes aqueuses

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Application
EP 99121643 A 19991030

Priority
GB 9824396 A 19981109

Abstract (en)
An aqueous lubricant composition, suitable for conveyor lubrication in the beverage or food industries, for example for lubricating the transport of glass, plastic, plastic impregnated or coated cardboard or metal beverage containers on a conveyor of stainless steel or nylon, comprises a combination of an amphoteric carboxylate, preferably an alkyl amine carboxylate, and an imidazoline, the composition having a pH above 8 and being in the absence of any effective quantity of an anionic sulphonate surfactant. The composition gives an excellent drag coefficient, is compatible with printing inks and gives low stress cracking in PET containers.

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Citation (search report)
• [DX] US 5747431 A 19980505 - TAYLOUR JAMES [GB], et al
• [DA] GB 2285630 A 19950719 - DIVERSEY CORP [CA]

Cited by
WO2011008131A3; US10851325B2; US10260020B2; US10793806B2; US9873853B2; US9926511B2; US10316267B2; US10815448B2; US10844314B2; US11312919B2; US11788028B2

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