

Title (en)

USE OF WATER-BASED LUBRICANTS FOR TEXTILE MACHINES

Title (de)

VERWENDUNG VON SCHMIERSTOFFEN AUF WASSERBASIS FÜR TEXTILMASCHINEN

Title (fr)

UTILISATION DE LUBRIFIANTS À BASE D'EAU POUR MACHINES TEXTILES

Publication

**EP 2561048 A1 20130227 (DE)**

Application

**EP 11716377 A 20110418**

Priority

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- DE 102010015757 A 20100421
- EP 2011001961 W 20110418

Abstract (en)

[origin: CA2794779A1] The present invention relates to the use of water-based lubricants for textile machines, especially to the use as needle oil and/or lifter oil.

IPC 8 full level

**C10M 173/02** (2006.01); **C10M 107/34** (2006.01); **C10N 30/02** (2006.01); **C10N 30/06** (2006.01); **C10N 30/12** (2006.01)

CPC (source: EP US)

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C-Set (source: EP US)

1. **C10M 2209/1045 + C10M 2209/109**
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Citation (search report)

See references of WO 2011131331A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102010015757 A1 20111027**; AU 2011244683 A1 20121101; BR 112012027006 A2 20170718; CA 2794779 A1 20111027; CA 2794779 C 20150106; CN 102884164 A 20130116; DE 102011016818 A1 20111027; EP 2561048 A1 20130227; MX 2012011224 A 20121130; US 2013035267 A1 20130207; WO 2011131331 A1 20111027; ZA 201207544 B 20130626

DOCDB simple family (application)

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