

Title (en)

MICELLAR EMULSIONS USEFUL FOR METALWORKING APPLICATIONS

Title (de)

FÜR METALLBEARBEITUNGSANWENDUNGEN NÜTZLICHE, MIZELLARE EMULSIONEN

Title (fr)

ÉMULSIONS MICELLAIRES UTILES POUR DES APPLICATIONS DE TRAVAIL DE MÉTAUX

Publication

EP 3508560 A1 20190710 (EN)

Application

EP 18150502 A 20180105

Priority

EP 18150502 A 20180105

Abstract (en)

This disclosure relates generally to emulsions. This disclosure relates more particularly to micellar emulsions useful as metalworking fluids, methods for preparing such emulsions, and methods of using such emulsions.

IPC 8 full level

C10M 173/00 (2006.01)

CPC (source: EP)

C10M 173/00 (2013.01); **C10M 2219/022** (2013.01); **C10M 2219/024** (2013.01); **C10N 2020/06** (2013.01); **C10N 2030/18** (2013.01); **C10N 2040/22** (2013.01); **C10N 2040/24** (2013.01); **C10N 2050/01** (2020.05)

Citation (applicant)

- US 2013201785 A1 20130808 - DAHMS GERD [DE], et al
- JAMES-SMITH ET AL., JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol. 310, 2007, pages 590 - 598

Citation (search report)

- [X] EP 0362430 A1 19900411 - ALUMINUM CO OF AMERICA [US]
- [X] US 3639277 A 19720201 - POETTMANN FRED, et al
- [X] GB 1599714 A 19811007 - STANDARD OIL CO
- [XD] US 2013201785 A1 20130808 - DAHMS GERD [DE], et al
- [X] JP H11242317 A 19990907 - KONISHIROKU PHOTO IND
- [X] JP 2003095925 A 20030403 - TAISHO PHARMA CO LTD, et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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