

Title (en)
METALWORKING FLUID

Title (de)
METALLBEARBEITUNGSFLÜSSIGKEIT

Title (fr)
FLUIDE UTILISÉ DANS LE TRAVAIL DES MÉTAUX

Publication
EP 3481929 A1 20190515 (EN)

Application
EP 17735174 A 20170707

Priority
• EP 16178754 A 20160708
• EP 2017067140 W 20170707

Abstract (en)
[origin: WO2018007612A1] A metalworking fluid is disclosed. The fluid comprises an oleaginous component, an aqueous component, and a surfactant dispersed in the aqueous component. The metalworking fluid is substantially free from defoamers or anti-foam compounds.

IPC 8 full level
C10M 173/00 (2006.01)

CPC (source: EP US)
C10M 101/00 (2013.01 - US); **C10M 173/00** (2013.01 - EP US); **C10M 2201/02** (2013.01 - US); **C10M 2203/003** (2013.01 - US); **C10M 2207/022** (2013.01 - EP US); **C10M 2207/28** (2013.01 - EP US); **C10M 2207/283** (2013.01 - EP US); **C10M 2207/288** (2013.01 - EP US); **C10M 2207/289** (2013.01 - EP US); **C10M 2207/40** (2013.01 - EP US); **C10M 2215/042** (2013.01 - EP US); **C10M 2219/042** (2013.01 - EP US); **C10N 2010/02** (2013.01 - EP US); **C10N 2020/06** (2013.01 - EP US); **C10N 2030/12** (2013.01 - EP US); **C10N 2030/18** (2013.01 - EP US); **C10N 2040/22** (2013.01 - EP US); **C10N 2040/24** (2013.01 - EP US); **C10N 2040/245** (2020.05 - EP US); **C10N 2050/011** (2020.05 - EP US); **C10N 2050/013** (2020.05 - EP US)

Citation (examination)
• "Material Safety Data Sheet NanoGel CCT", 26 September 2013, article OTC GMBH: "Material Safety Data Sheet NanoGel CCT", XP055646279
• INCI NAME ET AL: "Product Data Sheet | NanoGel CCT Compositional Statement (according to FDA) **", 16 September 2015 (2015-09-16), XP055475192, Retrieved from the Internet <URL:http://www.aerreita.it/sites/default/files/files/tds/PDS_NanoGEL_CCT_021111.pdf> [retrieved on 20180515]
• See also references of WO 2018007612A1

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)
WO 2018007612 A1 20180111; CN 109642183 A 20190416; EP 3481929 A1 20190515; JP 2019520462 A 20190718; US 2019300817 A1 20191003

DOCDB simple family (application)
EP 2017067140 W 20170707; CN 201780042551 A 20170707; EP 17735174 A 20170707; JP 2019500418 A 20170707; US 201716316335 A 20170707