

Title (en)
MICROEMULSIONS COMPRISING BIOSURFACTANTS

Title (de)
MIKROEMULSIONEN MIT BIOTENSIDEN

Title (fr)
MICROÉMULSIONS À BIOTENSIOACTIFS

Publication
EP 3083912 A1 20161026 (DE)

Application
EP 14815640 A 20141212

Priority
• DE 102013226446 A 20131218
• EP 2014077524 W 20141212

Abstract (en)
[origin: WO2015091250A1] An aqueous cleaning agent containing at least one biosurfactant and at least one additional surfactant spontaneously forms a microemulsion upon contact with oils and/or greases and can be used for cleaning hard or soft surfaces.

IPC 8 full level
C11D 1/06 (2006.01); **C11D 1/66** (2006.01); **C11D 1/825** (2006.01); **C11D 1/83** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)
C11D 1/06 (2013.01); **C11D 1/662** (2013.01); **C11D 1/667** (2013.01); **C11D 1/825** (2013.01); **C11D 1/83** (2013.01); **C11D 17/0021** (2013.01)

Citation (search report)
See references of WO 2015091250A1

Citation (examination)
• JP 2008062179 A 20080321 - NAT INST OF ADV IND & TECHNOL
• DATABASE WPI Week 200872, Derwent World Patents Index; AN 2008-M21911

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

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BA ME

DOCDB simple family (publication)
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DE 102013226446 A 20131218; EP 14815640 A 20141212; EP 2014077524 W 20141212