

Title (en)
A LIQUID HARD SURFACE ANTIMICROBIAL CLEANING COMPOSITION

Title (de)
FLÜSSIGE ANTIMIKROBIELLE REINIGUNGSZUSAMMENSETZUNG FÜR HARTE OBERFLÄCHEN

Title (fr)
COMPOSITION LIQUIDE DE NETTOYAGE ANTIMICROBIEN DE SURFACES DURES

Publication
EP 2773739 A1 20140910 (EN)

Application
EP 12769078 A 20120926

Priority
• IN 3095MU2011 A 20111103
• EP 2012068987 W 20120926

Abstract (en)
[origin: WO2013064315A1] The invention relates to a liquid hard surface cleaning and disinfection composition. The present inventors have found that inclusion of benzalkonium chloride and selected salts of di or tricarboxylic acid when combined with thymol or terpineol provides synergistic antimicrobial action in a rapid fashion and such efficacy is obtained at very low concentrations of thymol and/or terpineol.

IPC 8 full level
C11D 3/20 (2006.01); **C11D 3/30** (2006.01); **C11D 3/48** (2006.01)

CPC (source: EP)
C11D 3/2037 (2013.01); **C11D 3/2082** (2013.01); **C11D 3/30** (2013.01); **C11D 3/48** (2013.01)

Citation (search report)
See references of WO 2013064315A1

Cited by
CN106318653A; WO2023011929A1; WO2023011953A1

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)
WO 2013064315 A1 20130510; BR 112014008053 A2 20170411; BR 112014008053 B1 20210601; CN 103890160 A 20140625; CN 103890160 B 20170308; EA 022049 B1 20151030; EA 201400533 A1 20140829; EP 2773739 A1 20140910; EP 2773739 B1 20151104; MX 2014005403 A 20140711; MX 339345 B 20160520; PL 2773739 T3 20160630

DOCDB simple family (application)
EP 2012068987 W 20120926; BR 112014008053 A 20120926; CN 201280052095 A 20120926; EA 201400533 A 20120926; EP 12769078 A 20120926; MX 2014005403 A 20120926; PL 12769078 T 20120926