

Title (en)

LIQUID HAND DISHWASHING DETERGENT COMPOSITION

Title (de)

FLÜSSIGE HANDGESCHIRRSPÜLMITTELZUSAMMENSETZUNG

Title (fr)

COMPOSITION DÉTERGENTE LIQUIDE POUR LE LAVAGE DE LA VAISSELLE À LA MAIN

Publication

**EP 4400567 A1 20240717 (EN)**

Application

**EP 23202394 A 20231009**

Priority

EP 23151448 A 20230113

Abstract (en)

The need for a liquid hand dishwashing detergent, comprising a quaternised acrylic copolymer, having further improved speed of drying of dishware after hand dishwashing, is met by formulating the composition with a surfactant system which increases the efficacy of the quaternised acrylic copolymer.

IPC 8 full level

**C11D 1/14** (2006.01); **C11D 1/75** (2006.01); **C11D 1/94** (2006.01); **C11D 3/37** (2006.01); **C11D 17/00** (2006.01)

CPC (source: EP)

**C11D 1/146** (2013.01); **C11D 1/75** (2013.01); **C11D 1/94** (2013.01); **C11D 3/3773** (2013.01); **C11D 17/0008** (2013.01)

Citation (applicant)

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- EP 3835399 A1 20210616 - HENKEL AG & CO KGAA [DE]
- US 2003134770 A1 20030717 - SIVIK MARK ROBERT [US], et al
- WO 2007135645 A2 20071129 - PROCTER & GAMBLE [US], et al
- JOHN, WILSON ET AL., SYNTHESIS AND USE OF POLYDADMAC FOR WATER PURIFICATION, 2002

Citation (search report)

- [X] US 2012028872 A1 20120202 - PEREZ-PRAT VINUESA EVA MARIA [BE], et al
- [A] EP 3504312 B1 20200513 - UNILEVER NV [NL], et al
- [A] EP 3835399 A1 20210616 - HENKEL AG & CO KGAA [DE]
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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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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