

Title (en)

FORMULATIONS, USE OF SAME AS OR FOR MANUFACTURE OF DISHWASHING AGENTS AND THEIR MANUFACTURE

Title (de)

FORMULIERUNGEN, IHRE VERWENDUNG ALS ODER ZUR HERSTELLUNG VON GESCHIRRSPÜLMITTELN UND IHRE HERSTELLUNG

Title (fr)

FORMULES, LEUR UTILISATION COMME DÉTERGENT POUR LAVE-VAISSELLE OU DESTINÉES À SA FABRICATION, AINSI QUE LEUR FABRICATION

Publication

**EP 2961822 B1 20170412 (DE)**

Application

**EP 14702846 A 20140204**

Priority

- EP 13157192 A 20130228
- EP 2014052174 W 20140204
- EP 14702846 A 20140204

Abstract (en)

[origin: WO2014131585A1] The invention relates to a formulation containing (A) at least one amino carboxylate, selected from methylglycinediacetate (MGDA), iminodisuccinic acid (IDS), glutamic acid diacetate (GLDA), and the salts thereof, and (B) at least one polypropylene imine which can be alkoxylated.

IPC 8 full level

**C11D 3/33** (2006.01); **C11D 3/00** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP US)

**C11D 3/0073** (2013.01 - EP US); **C11D 3/33** (2013.01 - EP US); **C11D 3/3723** (2013.01 - EP US); **C11D 2111/18** (2024.01 - EP US)

Citation (examination)

- WO 2013056965 A1 20130425 - BASF SE [DE], et al
- WO 2013160301 A1 20131031 - BASF SE [DE], et al

Citation (opposition)

Opponent : Reckitt Benckiser Finish B. V.

- US 2003211965 A1 20031113 - ANDREWS WILLIAM H [US], et al
- US 6083898 A 20000704 - MEIXNER HUBERT [DE], et al
- WO 2010020765 A1 20100225 - RECKITT BENCKISER NV [NL], et al
- WO 2012153143 A2 20121115 - RECKITT BENCKISER NV [NL], et al
- WO 2006108857 A1 20061019 - BASF AG [DE], et al
- WO 2009092699 A1 20090730 - UNILEVER NV [NL], et al

Opponent : Reckitt Benckiser Finish B.V.

- EP 0206513 A1 19861230 - PROCTER & GAMBLE [US], et al
- EP 0112593 A2 19840704 - PROCTER & GAMBLE [US]
- US 4597898 A 19860701 - VANDER MEER JAMES M [US]
- US 3301783 A 19670131 - DICKSON WOODROW J, et al
- "Lulgavan P", O.BASF, 2005, XP055575985
- "Trilon M flüssig", BASF - TECHNISCHE INFORMATION, 1998, XP055532154

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WO2021254828A1

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 2014131585 A1 20140904**; EP 2961822 A1 20160106; EP 2961822 B1 20170412; ES 2632465 T3 20170913; PL 2961822 T3 20170929; US 10301576 B2 20190528; US 2015361379 A1 20151217

DOCDB simple family (application)

**EP 2014052174 W 20140204**; EP 14702846 A 20140204; ES 14702846 T 20140204; PL 14702846 T 20140204; US 201414765149 A 20140204