

Title (en)

DETERGENT COMPOSITION COMPRISING GLUTAMIC-N,N-DIACETATE, WATER AND BLEACHING AGENT

Title (de)

WASCHMITTEL ENTHALTEND GLUTAMIN-N,N-DIACETAT, WASSER UND BLEICHMITTEL

Title (fr)

COMPOSITION DE DÉTERGENT COMRENANT UN DIACÉTATE N,N GLUTAMIQUE, EAU ET AGENT DE BLANCHIMENT

Publication

EP 2794836 A1 20141029 (EN)

Application

EP 12809160 A 20121210

Priority

- EP 11195076 A 20111222
- EP 2012074947 W 20121210
- EP 12809160 A 20121210

Abstract (en)

[origin: WO2013092276A1] One aspect of the invention relates to a detergent composition comprising 20-99.7 wt.% of a continuous phase containing glutamic-N,N-diacetate (GLDA), water and optionally other components; and 0.3-80 wt.% of a dispersed phase comprising at least 0.3% of bleach particles by weight of the composition, said bleach particles having a particle size of at least 10 µm, wherein the continuous phase contains at least 10 wt.% of GLDA and at least 10 wt.% of water and wherein the weight ratio of GLDA to water lies within the range of 5:6 to 5:1. Despite the high water content, the present bleach containing detergent composition is storage stable and retains bleach activity for a prolonged period of time. The invention also provides a process of preparing a liquid base for a detergent composition comprising GLDA and water in a weight ratio of GLDA to water of 5:6 to 5:1, said process comprising combining 100 parts by weight of a liquid mixture of GLDA and water with 10-300 parts by weight of GLDA powder, said liquid mixture containing 20-50 wt.% of GLDA and 50-80 wt.% water and said GLDA powder containing at least 65 wt.% GLDA.

IPC 8 full level

C11D 3/33 (2006.01); **C11D 3/39** (2006.01); **C11D 17/04** (2006.01)

CPC (source: EP)

C11D 3/33 (2013.01); **C11D 3/3947** (2013.01); **C11D 17/043** (2013.01)

Citation (search report)

See references of WO 2013092276A1

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CN111742041A; WO2020030623A1; EP4017956B1; EP4017952B1; EP4017955B1; EP4017957B1; EP4017954B1; EP4017953B1

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 2013092276 A1 20130627; AR 089399 A1 20140820; BR 112014014717 A2 20170613; BR 112014014717 A8 20170704; CA 2859297 A1 20130627; CL 2014001642 A1 20150227; EA 026023 B1 20170228; EA 026023 B9 20170428; EA 201400745 A1 20141128; EP 2794836 A1 20141029; EP 2794836 B1 20160601; PL 2794836 T3 20161230; PT 2794836 T 20160725; ZA 201404543 B 20150930

DOCDB simple family (application)

EP 2012074947 W 20121210; AR P120104903 A 20121221; BR 112014014717 A 20121210; CA 2859297 A 20121210; CL 2014001642 A 20140619; EA 201400745 A 20121210; EP 12809160 A 20121210; PL 12809160 T 20121210; PT 12809160 T 20121210; ZA 201404543 A 20140620