

Title (en)

DETERGENT AND CLEANING AGENTS HAVING IMPROVED PERFORMANCE

Title (de)

WASCH- UND REINIGUNGSMITTEL MIT VERBESSERTER LEISTUNG

Title (fr)

PRODUITS DE LAVAGE ET DE NETTOYAGE À EFFICACITÉ AMÉLIORÉE

Publication

EP 3218462 B1 20200304 (DE)

Application

EP 15786974 A 20151029

Priority

- DE 102014222833 A 20141110
- EP 2015075078 W 20151029

Abstract (en)

[origin: CA2966951A1] The present invention relates to the use of dihydroxyterephthalic acid derivatives in washing and cleaning agents for improving the washing or cleaning performance with respect to bleachable stains.

IPC 8 full level

C11D 3/20 (2006.01); **C11D 3/32** (2006.01)

CPC (source: EP KR RU US)

C11D 1/66 (2013.01 - KR); **C11D 3/20** (2013.01 - RU); **C11D 3/2086** (2013.01 - EP KR US); **C11D 3/2093** (2013.01 - EP KR US);
C11D 3/32 (2013.01 - EP KR RU US); **C11D 17/06** (2013.01 - KR); **C11D 2111/12** (2024.01 - KR US)

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)

DE 102014222833 A1 20160512; AU 2015345400 A1 20170629; AU 2015345400 B2 20190509; CA 2966951 A1 20160519;
CA 2966951 C 20230808; EP 3218462 A1 20170920; EP 3218462 B1 20200304; KR 102422028 B1 20220718; KR 20170083084 A 20170717;
RU 2017120179 A 20181213; RU 2017120179 A3 20181213; RU 2689147 C2 20190524; US 2017240849 A1 20170824;
WO 2016074936 A1 20160519

DOCDB simple family (application)

DE 102014222833 A 20141110; AU 2015345400 A 20151029; CA 2966951 A 20151029; EP 15786974 A 20151029;
EP 2015075078 W 20151029; KR 20177015449 A 20151029; RU 2017120179 A 20151029; US 201715589336 A 20170508