

Title (en)

WASHING AND CLEANING AGENTS CONTAINING GLYCERIN ESTERS

Title (de)

WASCH- UND REINIGUNGSMITTEL ENTHALTEND GLYCERINESTER

Title (fr)

DÉTERGENTS ET PRODUITS DE NETTOYAGE CONTENANT DE L'ESTER DE GLYCÉRINE

Publication

EP 2802640 B1 20170308 (DE)

Application

EP 12745480 A 20120803

Priority

- DE 102012200402 A 20120112
- EP 2012065253 W 20120803

Abstract (en)

[origin: WO2013104434A1] According to the invention, it has been found that glycerin esters effectively prevent or at least reduce the discoloration of plasticware during machine-washing.

IPC 8 full level

C11D 1/66 (2006.01); **C11D 3/00** (2006.01); **C11D 3/20** (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP US)

C11D 1/667 (2013.01 - EP US); **C11D 3/0021** (2013.01 - EP US); **C11D 3/2093** (2013.01 - EP US); **C11D 2111/18** (2024.01 - EP 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)

WO 2013104434 A1 20130718; DE 102012200402 A1 20130718; EP 2802640 A1 20141119; EP 2802640 B1 20170308; ES 2625801 T3 20170720; HU E032316 T2 20170928; PL 2802640 T3 20170831; US 2014323379 A1 20141030

DOCDB simple family (application)

EP 2012065253 W 20120803; DE 102012200402 A 20120112; EP 12745480 A 20120803; ES 12745480 T 20120803; HU E12745480 A 20120803; PL 12745480 T 20120803; US 201414328918 A 20140711