Title (en)
COLOR-PROTECTING DETERGENTS OR CLEANING AGENTS

Title (de)
FARBSCHÜTZENDES WASCH- ODER REINIGUNGSMITTEL

Title (fr)
AGENT DE LAVAGE OU DE NETTOYAGE PROTECTEUR DES COULEURS

Publication
EP 2129759 A1 20091209 (DE)

Application
EP 08735744 A 20080403

Priority
- EP 2008053995 W 20080403
- DE 102007016391 A 20070403
- DE 102007023828 A 20070521
- DE 102007038450 A 20070814

Abstract (en)
[origin: WO2008119832A1] The aim of the invention is to improve the color protection properties of detergents and cleaning agents during their utilization for washing or cleaning colored textile fabrics. To achieve this aim, specific polycarbonate-, polyurethane- and/or polyurea-polyorganosiloxane compounds or a precursor compound thereof containing specific reactive groups, which can be used for the production thereof, are utilized.

IPC 8 full level
C11D 3/37 (2006.01); **C11D 3/00** (2006.01); **C11D 3/20** (2006.01); **C11D 3/22** (2006.01); **C11D 3/28** (2006.01); **C11D 3/32** (2006.01); **C11D 3/34** (2006.01); **C11D 3/36** (2006.01); **C11D 11/00** (2006.01)

CPC (source: EP KR US)
C11D 3/0021 (2013.01 - EP US); **C11D 3/2096** (2013.01 - EP US); **C11D 3/22** (2013.01 - KR); **C11D 3/227** (2013.01 - EP US); **C11D 3/28** (2013.01 - EP US); **C11D 3/32** (2013.01 - EP KR US); **C11D 3/3454** (2013.01 - EP US); **C11D 3/349** (2013.01 - EP US); **C11D 3/364** (2013.01 - EP US); **C11D 3/37** (2013.01 - KR); **C11D 3/373** (2013.01 - EP US); **C11D 3/3742** (2013.01 - EP US); **C11D 3/3788** (2013.01 - EP US); **C11D 11/00** (2013.01 - KR); C11D 2111/12 (2024.01 - EP US)

Citation (search report)
See references of WO 2008119832A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008119832 A1 20081009; EP 2129759 A1 20091209; EP 2129759 B1 20160727; EP 2129759 B2 20190821; EP 2487230 A1 20120815; EP 2487230 B1 20141203; KR 20090128444 A 20091215; US 2010011519 A1 20100121; US 8524648 B2 20130903

DOCDB simple family (application)
EP 2008053995 W 20080403; EP 08735744 A 20080403; EP 12166939 A 20080403; KR 20097020620 A 20080403; US 56694509 A 20090925