

Title (en)
DETERGENTS OR CLEANING AGENTS COMPRISING A WATER-SOLUBLE BUILDING BLOCK SYSTEM AND A CELLULOSE DERIVATIVE WITH DIRT DISSOLVING PROPERTIES

Title (de)
WASCH- ODER REINIGUNGSMITTEL MIT WASSERLÖSLICHEM BUILDERSYSTEM UND SCHMUTZABLÖSEVERMÖGENDEM CELLULOSEDERIVAT

Title (fr)
PRODUIT DE LAVAGE OU DE NETTOYAGE CONTENANT UN SYSTEME ADJUVANT HYDROSOLUBLE ET UN DERIVE CELLULOSIQUE A POUVOIR NETTOYANT

Publication
EP 1592762 B2 20130918 (DE)

Application
EP 04707136 A 20040131

Priority
• EP 2004000874 W 20040131
• DE 10305306 A 20030210
• DE 10351325 A 20031031

Abstract (en)
[origin: WO2004069977A1] The aim of the invention is to improve the cleaning power of detergents comprising a water-soluble building block during the washing of textiles, which consist in particular of cotton or contain cotton. This is achieved by using a cellulose derivative with dirt dissolving properties, obtained by the alkylation and hydroxyalkylation of cellulose.

IPC 8 full level
C11D 3/22 (2006.01); **C11D 3/00** (2006.01); **C11D 3/39** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01); **D06M 15/09** (2006.01)

CPC (source: EP US)
C11D 3/0026 (2013.01 - EP US); **C11D 3/0036** (2013.01 - EP US); **C11D 3/225** (2013.01 - EP US); **C11D 3/3942** (2013.01 - EP US); **C11D 11/00** (2013.01 - EP US); **C11D 17/0039** (2013.01 - EP US); **D06M 15/09** (2013.01 - EP US); **C11D 2111/12** (2024.01 - EP US); **D06M 2200/00** (2013.01 - EP US)

Citation (opposition)
Opponent :
WO 9502678 A1 19950126 - PROCTER & GAMBLE [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004069977 A1 20040819; AT E406429 T1 20080915; DE 10351325 A1 20040826; EP 1592762 A1 20051109; EP 1592762 B1 20080827; EP 1592762 B2 20130918; ES 2310713 T3 20090116; ES 2310713 T5 20140128; JP 2006517246 A 20060720; US 2006030504 A1 20060209; US 7316995 B2 20080108

DOCDB simple family (application)
EP 2004000874 W 20040131; AT 04707136 T 20040131; DE 10351325 A 20031031; EP 04707136 A 20040131; ES 04707136 T 20040131; JP 2006501679 A 20040131; US 20067805 A 20050810