

Title (en)  
PROCESS FOR TREATMENT OF A FABRIC

Title (de)  
VERFAHREN ZUR BEHANDLUNG VON TEXTILIEN

Title (fr)  
PROCÉDÉ DE TRAITEMENT D'UN TISSU

Publication  
**EP 2473590 B2 20180117 (EN)**

Application  
**EP 10742151 A 20100812**

Priority  

- IN 2007MU2009 A 20090902
- EP 09173666 A 20091021
- IN 1621MU2010 A 20100526
- EP 2010061744 W 20100812
- EP 10742151 A 20100812

Abstract (en)  
[origin: WO2011026718A1] It is an object to provide a composition and process for treatment of a fabric that improves efficacy of subsequent cleaning. The present inventors have found that a composition comprising a carboxylic acid polymer that has been neutralised at least partially to the salt form and a second polymer, capable of forming hydrogen bonds with the first polymer in the present of an acid, provides both a secondary cleaning benefit and good storage stability, without forming polymer-polymer complex when it is in the solid formulation and give a complex when dispersed in water.

IPC 8 full level  
**C11D 3/00** (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)  
**C11D 3/0036** (2013.01); **C11D 3/222** (2013.01); **C11D 3/225** (2013.01); **C11D 3/3707** (2013.01); **C11D 3/3753** (2013.01); **C11D 3/3765** (2013.01); **C11D 3/3776** (2013.01)

Citation (opposition)  
Opponent :  

- US 7229505 B2 20070612 - HAMMOCK CORY S [US]
- EP 0781836 A1 19970702 - COLGATE PALMOLIVE CO [US]
- US 2006111261 A1 20060525 - SADLOWSKI EUGENE S [US], et al
- US 3716488 A 19730213 - KOLSKY R, et al
- JP 5398051 B2 20140129
- JP 2009263466 A 20091112 - KAO CORP
- US 2003008804 A1 20030109 - XU QIU [CA], et al
- GB 994353 A 19650602 - DOMESTOS LTD
- DE 10032589 A1 20020124 - HENKEL KGAA [DE]
- Priodoc. IN 2007/MUM/2009
- Priodoc. EP 09173666
- Priodoc. IN 1621/MUM/2010

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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011026718 A1 20110310**; AR 078146 A1 20111019; AU 2010291392 A1 20120223; AU 2010291392 B2 20130711; BR 112012003018 A2 20160419; CA 2770869 A1 20110310; CL 2012000538 A1 20121019; CN 102575197 A 20120711; CN 102575197 B 20131030; EA 022063 B1 20151030; EA 201200401 A1 20120830; EP 2473590 A1 20120711; EP 2473590 B1 20141126; EP 2473590 B2 20180117; ES 2531418 T3 20150313; ES 2531418 T5 20180413; MX 2012002748 A 20120419; ZA 201200792 B 20130529

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**EP 2010061744 W 20100812**; AR P100103192 A 20100901; AU 2010291392 A 20100812; BR 112012003018 A 20100812; CA 2770869 A 20100812; CL 2012000538 A 20120229; CN 201080039141 A 20100812; EA 201200401 A 20100812; EP 10742151 A 20100812; ES 10742151 T 20100812; MX 2012002748 A 20100812; ZA 201200792 A 20120201