

Title (en)  
DETERGENTS AND CLEANING AGENTS COMPRISING POROUS POLYAMIDE PARTICLES

Title (de)  
WASCH- UND REINIGUNGSMITTEL MIT PORÖSEN POLYAMIDPARTIKELN

Title (fr)  
AGENTS DE LAVAGE ET DE NETTOYAGE AVEC DES PARTICULES POREUSES DE POLYAMIDE

Publication  
**EP 2240565 A1 20101020 (DE)**

Application  
**EP 09710225 A 20090115**

Priority

- EP 2009050399 W 20090115
- DE 102008009462 A 20080215
- DE 102008009457 A 20080215
- DE 102008009456 A 20080215

Abstract (en)  
[origin: WO2009100962A1] Detergents and cleaning agents are described which contain porous polyamide particles that allow larger amounts of liquids, e.g. scented oil, to be absorbed such that liquid active substances can easily be incorporated into corresponding detergents and cleaning agents. The porous polyamide particles allow the incorporated liquids to be released in a delayed manner.

IPC 8 full level  
**C11D 3/37** (2006.01); **C11D 3/50** (2006.01)

CPC (source: EP US)  
**C11D 3/3719** (2013.01 - EP US); **C11D 3/505** (2013.01 - EP US); **Y10T 428/2982** (2015.01 - EP US)

Citation (search report)  
See references of WO 2009100962A1

Citation (examination)

- DE 10247289 A1 20040422 - SYMRISE GMBH & CO KG [DE]
- JP 2002080629 A 20020319 - UBE INDUSTRIES

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 MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2009100962 A1 20090820**; EP 2240565 A1 20101020; JP 2011512437 A 20110421; KR 20100125247 A 20101130;  
US 2011021409 A1 20110127

DOCDB simple family (application)  
**EP 2009050399 W 20090115**; EP 09710225 A 20090115; JP 2010546277 A 20090115; KR 20107018059 A 20090115; US 85420410 A 20100811