

Title (en)

DETERGENT ADDITIVE BASED ON CLAY MINERALS, USE THEREOF, AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

WASCHMITTELADDITIV AUF DER BASIS VON TONMINERALIEN, SOWIE DESSEN VERWENDUNG UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

ADDITIF POUR DÉTERGENT, À BASE DE MINÉRAUX ARGILEUX, AINSI QUE SON UTILISATION ET DES PROCÉDÉS POUR SA PRÉPARATION

Publication

**EP 2340298 B1 20151223 (DE)**

Application

**EP 09778811 A 20091002**

Priority

- EP 2009007088 W 20091002
- DE 102008050360 A 20081002

Abstract (en)

[origin: WO2010037560A1] The present invention relates to a detergent additive, particularly for improving the softness of textile products, which comprises at least the following components: a) at least one clay mineral; and b) at least one N-vinylpyrrolidone copolymer, wherein the at least one N-vinylpyrrolidone copolymer comprises N-vinylpyrrolidone monomer units and cationic monomer units. The present invention further relates to a method for producing the detergent additive, and to the use thereof.

IPC 8 full level

**C11D 3/12** (2006.01); **C11D 3/00** (2006.01); **C11D 3/37** (2006.01); **C11D 7/20** (2006.01); **C11D 7/32** (2006.01)

CPC (source: EP)

**C11D 3/001** (2013.01); **C11D 3/1253** (2013.01); **C11D 3/3776** (2013.01)

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 SM TR

DOCDB simple family (publication)

**DE 102008050360 A1 20100408**; EP 2340298 A1 20110706; EP 2340298 B1 20151223; JP 2012504666 A 20120223;  
MX 2011003408 A 2011006; WO 2010037560 A1 20100408

DOCDB simple family (application)

**DE 102008050360 A 20081002**; EP 09778811 A 20091002; EP 2009007088 W 20091002; JP 2011529483 A 20091002;  
MX 2011003408 A 20091002