

Title (en)

LAUNDRY DETERGENT ADDITIVE BASED ON CLAY MINERALS AND PVP-CONTAINING COPOLYMERS

Title (de)

WASCHMITTELADDITIV AUF DER BASIS VON TONMINERALIEN UND PVP-HALTIGEN COPOLYMEREN

Title (fr)

ADDITIF POUR DÉTERGENT À BASE DE MINÉRAUX ARGILEUX ET DE COPOLYMÈRES CONTENANT DE LA PVP

Publication

EP 2057257 B1 20121121 (DE)

Application

EP 07801918 A 20070827

Priority

- EP 2007007494 W 20070827
- EP 06017916 A 20060828
- EP 07801918 A 20070827

Abstract (en)

[origin: EP1894993A1] Detergent additive for improving the soft feel of textile articles comprises a clay mineral and a vinylpyrrolidone copolymer.

IPC 8 full level

C11D 3/12 (2006.01); **C11D 3/22** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP)

C11D 3/1253 (2013.01); **C11D 3/222** (2013.01); **C11D 3/3776** (2013.01)

Citation (examination)

- DE 3711299 A1 19881013 - BASF AG [DE]
- Retrieved from the Internet <URL:<http://de.wikipedia.org/wiki/Tonminerale>>
- Retrieved from the Internet <URL:<http://www.uni-protokolle.de/Lexikon/Tonmineral.html>>
- Retrieved from the Internet <URL:http://pubchem.ncbi.nlm.nih.gov/summary/summary.cgi?cid=61699&loc=ec_rcs>

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1894993 A1 20080305; BR PI0716412 A2 20130924; EP 2057257 A1 20090513; EP 2057257 B1 20121121; ES 2399832 T3 20130403; JP 2010501686 A 20100121; JP 5260522 B2 20130814; MX 2009001921 A 20090309; PL 2057257 T3 20130930; PT 2057257 E 20130219; WO 2008025505 A1 20080306

DOCDB simple family (application)

EP 06017916 A 20060828; BR PI0716412 A 20070827; EP 07801918 A 20070827; EP 2007007494 W 20070827; ES 07801918 T 20070827; JP 2009525963 A 20070827; MX 2009001921 A 20070827; PL 07801918 T 20070827; PT 07801918 T 20070827