

Title (en)  
WHITENING COMPOSITION

Title (de)  
BLEICHUNGSZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE BLANCHIMENT

Publication  
**EP 3417039 B1 20190710 (EN)**

Application  
**EP 16798543 A 20161122**

Priority  
• EP 16156036 A 20160217  
• EP 2016078476 W 20161122

Abstract (en)  
[origin: WO2017140391A1] The present invention provides a domestic laundry whitening and brightening composition.

IPC 8 full level  
**C11D 1/37** (2006.01); **C11D 1/83** (2006.01); **C11D 3/37** (2006.01); **C11D 3/386** (2006.01); **C11D 3/42** (2006.01); **C11D 3/50** (2006.01)

CPC (source: EP)  
**C11D 1/37** (2013.01); **C11D 1/83** (2013.01); **C11D 3/3703** (2013.01); **C11D 3/386** (2013.01); **C11D 3/42** (2013.01); **C11D 3/50** (2013.01);  
**C11D 1/06** (2013.01); **C11D 1/123** (2013.01); **C11D 1/29** (2013.01); **C11D 1/345** (2013.01); **C11D 1/72** (2013.01)

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 RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2017140391 A1 20170824**; AR 107625 A1 20180516; BR 112018016129 A2 20190102; BR 112018016129 B1 20220607;  
CN 108603139 A 20180928; CN 108603139 B 20201204; EP 3417039 A1 20181226; EP 3417039 B1 20190710; ZA 201804914 B 20190925

DOCDB simple family (application)  
**EP 2016078476 W 20161122**; AR P170100369 A 20170215; BR 112018016129 A 20161122; CN 201680081652 A 20161122;  
EP 16798543 A 20161122; ZA 201804914 A 20180720