

Title (en)  
WHITENING COMPOSITION

Title (de)  
BLEICHUNGSZUSAMMENSETZUNG

Title (fr)  
COMPOSITION DE BLANCHIMENT

Publication  
**EP 3649222 A1 20200513 (EN)**

Application  
**EP 18734831 A 20180704**

Priority  
• EP 17180341 A 20170707  
• EP 2018068090 W 20180704

Abstract (en)  
[origin: WO2019008036A1] The invention provides a laundry cleaning composition comprising:- i) from 0.2 to 20 wt.% of an alkoxylated dispersant of the following structure (F1): wherein: X is selected from: ethoxy; and mixtures of ethoxy and propoxy groups where the number of ethoxy groups is greater than the number of propoxy groups, and wherein n is from 6 to 70; m is selected from: 2 and 3; R1 is selected from: uncharged C12 to C20 alkyl groups; uncharged aryl groups; and, uncharged alkyl-aryl groups wherein the alkyl group of the alkyl-aryl is a saturated linear or branched C1 to C3; T is selected from: H; CH3; SO3 -; CH2COO -; PO3 2-; C2H5; n-propyl, i-propyl; n-butyl; t-butyl; and, sulfosuccinate; (ii) from 0 to 50 wt.% surfactant, other than the alkoxylated dispersant; (iii) an active ingredient selected from one or more of the following: from 0.001 to 3 wt.% perfume; from 0.0001 to 0.5 wt.% of fluorescent agent; and, from 0.0001 wt.% to 0.1 wt.% of an enzyme; The invention further relates to a domestic method of treating a textile comprising treatment of the textile with an aqueous liquor comprising said alkoxylated dispersant.

IPC 8 full level  
**C11D 1/37** (2006.01); **C11D 1/06** (2006.01); **C11D 1/29** (2006.01); **C11D 1/34** (2006.01); **C11D 1/74** (2006.01); **C11D 1/83** (2006.01); **C11D 3/00** (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 3/0036** (2013.01); **C11D 3/3707** (2013.01); **C11D 3/386** (2013.01); **C11D 3/42** (2013.01); **C11D 3/50** (2013.01); **C11D 1/06** (2013.01); **C11D 1/29** (2013.01); **C11D 1/345** (2013.01); **C11D 1/74** (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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2019008036 A1 20190110**; AR 112380 A1 20191023; BR 112020000201 A2 20200707; CN 110869480 A 20200306; CN 110869480 B 20210813; EP 3649222 A1 20200513; EP 3649222 B1 20240313; ZA 201908604 B 20210428

DOCDB simple family (application)  
**EP 2018068090 W 20180704**; AR P180101872 A 20180705; BR 112020000201 A 20180704; CN 201880045612 A 20180704; EP 18734831 A 20180704; ZA 201908604 A 20191223