

Title (en)

THICKENER CONTAINING AT LEAST ONE POLYMER BASED ON ASSOCIATIVE MONOMERS

Title (de)

VERDICKER ENTHALTEND MINDESTENS EIN POLYMER BASIEREND AUF ASSOZIATIVMONOMEREN

Title (fr)

ÉPAISSISSANT CONTENANT AU MOINS UN POLYMÈRE À BASE DE MONOMÈRES ASSOCIATIFS

Publication

EP 2776478 A1 20140917 (DE)

Application

EP 12783989 A 20121107

Priority

- EP 11188724 A 20111111
- EP 2012072016 W 20121107
- EP 12783989 A 20121107

Abstract (en)

[origin: WO2013068392A1] The invention relates to a thickener containing i) at least one polymer which can be obtained by the polymerisation of a) at least one water-soluble ethylenically unsaturated monomer comprising at least one anionic monomer and/or at least one non-ionic monomer, b) at least one ethylenically unsaturated associative monomer, c) optionally at least one cross-linking agent, d) optionally at least one chain transfer agent, ii) at least one activator, the ratio between the activator and the polymer being > 10 -100 [wt.-% / wt.-%].

IPC 8 full level

C08F 220/06 (2006.01); **C08F 220/18** (2006.01); **C09D 7/00** (2006.01); **C11D 3/37** (2006.01)

CPC (source: EP KR US)

A61K 8/8111 (2013.01 - EP); **A61K 8/817** (2013.01 - EP); **A61K 8/8182** (2013.01 - EP); **A61Q 5/00** (2013.01 - EP); **A61Q 5/02** (2013.01 - EP); **A61Q 5/06** (2013.01 - EP); **A61Q 5/12** (2013.01 - EP); **A61Q 19/00** (2013.01 - EP); **A61Q 19/10** (2013.01 - EP); **C08F 2/22** (2013.01 - KR); **C08F 6/16** (2013.01 - KR); **C08F 220/06** (2013.01 - KR); **C08F 220/18** (2013.01 - KR); **C08F 226/00** (2013.01 - KR); **C09D 7/43** (2017.12 - EP US); **C11D 1/143** (2013.01 - EP); **C11D 1/146** (2013.01 - EP); **C11D 1/22** (2013.01 - EP); **C11D 1/662** (2013.01 - EP); **C11D 1/72** (2013.01 - EP); **C11D 3/0005** (2013.01 - KR); **C11D 3/37** (2013.01 - KR); **C11D 3/3765** (2013.01 - EP); **C11D 3/3773** (2013.01 - EP); **C11D 17/003** (2013.01 - EP); **A61K 2800/48** (2013.01 - EP)

Citation (search report)

See references of WO 2013068392A1

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 2013068392 A1 20130516; BR 112014011314 A2 20170509; CA 2853243 A1 20130516; CN 104093752 A 20141008; EP 2776478 A1 20140917; IN 3440CHN2014 A 20151009; JP 2015504455 A 20150212; KR 20140089535 A 20140715; MX 2014005533 A 20140530; RU 2014123615 A 20151220

DOCDB simple family (application)

EP 2012072016 W 20121107; BR 112014011314 A 20121107; CA 2853243 A 20121107; CN 201280054845 A 20121107; EP 12783989 A 20121107; IN 3440CHN2014 A 20140507; JP 2014540432 A 20121107; KR 20147012407 A 20121107; MX 2014005533 A 20121107; RU 2014123615 A 20121107