

Title (en)

USE OF HIGHLY-BRANCHED POLYMERS FOR PRODUCING POLYMER DISPERSIONS WITH IMPROVED FREEZE/THAW STABILITY

Title (de)

VERWENDUNG HOCHVERZWEIGTER POLYMERE ZUR HERSTELLUNG VON POLYMERDISPERSIONEN MIT VERBESSERTER GEFRIER-/TAU-STABILITÄT

Title (fr)

UTILISATION DE POLYMÈRES TRÈS RAMIFIÉS POUR RÉALISER DES DISPERSIONS DE POLYMÈRES À STABILITÉ AMÉLIORÉE AU GEL/DÉGEL

Publication

EP 2222716 A1 20100901 (DE)

Application

EP 08852103 A 20081119

Priority

- EP 2008065860 W 20081119
- EP 07121032 A 20071119
- EP 07150042 A 20071214
- EP 08852103 A 20081119

Abstract (en)

[origin: WO2009065867A1] The invention relates to producing polymer dispersions with improved freeze/thaw stability by adding a highly-branched polymer thereto and the use of highly-branched polymers for the above.

IPC 8 full level

C08F 2/22 (2006.01); **C08L 33/04** (2006.01); **C08L 69/00** (2006.01); **C09D 7/65** (2018.01)

CPC (source: EP US)

C08F 2/20 (2013.01 - EP US); **C08F 2/22** (2013.01 - EP US); **C08L 33/04** (2013.01 - EP US); **C08L 69/00** (2013.01 - EP US);
C09D 5/024 (2013.01 - EP US); **C09D 7/65** (2017.12 - EP US); **C09D 133/00** (2013.01 - EP US); **C08L 101/005** (2013.01 - EP US)

Citation (search report)

See references of WO 2009065867A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

WO 2009065867 A1 20090528; AU 2008327942 A1 20090528; BR PI0820427 A2 20150526; CN 101910207 A 20101208;
CN 101910207 B 20130424; EP 2222716 A1 20100901; JP 2011503336 A 20110127; KR 20100100891 A 20100915;
US 2010280165 A1 20101104; US 8309646 B2 20121113

DOCDB simple family (application)

EP 2008065860 W 20081119; AU 2008327942 A 20081119; BR PI0820427 A 20081119; CN 200880125005 A 20081119;
EP 08852103 A 20081119; JP 2010534467 A 20081119; KR 20107013522 A 20081119; US 74343608 A 20081119