

Title (en)

METHODS FOR PRODUCING WATER-ABSORBENT FOAMED POLYMER PARTICLES

Title (de)

VERFAHREN ZUR HERSTELLUNG WASSERABSORBIERENDER, AUFGESCHÄUMTER POLYMERPARTIKEL

Title (fr)

PROCÉDÉ DE PRÉPARATION DE PARTICULES POLYMÈRES MOUSSÉES ABSORBANT L'EAU

Publication

EP 2504037 A1 20121003 (DE)

Application

EP 10778674 A 20101122

Priority

- EP 09176768 A 20091123
- EP 2010067877 W 20101122
- EP 10778674 A 20101122

Abstract (en)

[origin: WO2011061315A1] The invention relates to methods for producing water-absorbent foamed polymer particles, having the steps of polymerizing a foamed monomer solution or suspension, drying, grinding, and classifying.

IPC 8 full level

A61L 15/24 (2006.01); **A61L 15/42** (2006.01); **C08F 2/10** (2006.01); **C08F 2/18** (2006.01); **C08F 2/44** (2006.01); **C08F 20/06** (2006.01);
C08J 9/00 (2006.01); **C08J 9/04** (2006.01); **C08L 33/02** (2006.01)

CPC (source: EP US)

A61L 15/24 (2013.01 - EP US); **A61L 15/425** (2013.01 - EP US); **A61L 15/60** (2013.01 - EP US); **C08F 2/10** (2013.01 - EP US);
C08F 2/20 (2013.01 - EP US); **C08F 2/22** (2013.01 - EP US); **C08J 3/12** (2013.01 - EP US); **C08J 9/122** (2013.01 - EP US);
C08J 9/16 (2013.01 - EP US); **C08L 33/02** (2013.01 - EP US); **C08F 220/06** (2013.01 - EP US); **C08J 2201/03** (2013.01 - EP US);
C08J 2203/06 (2013.01 - EP US); **C08J 2207/12** (2013.01 - EP US); **C08J 2300/14** (2013.01 - EP US); **C08J 2333/02** (2013.01 - EP US);
C08J 2333/06 (2013.01 - EP US); **C08L 2312/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2011061315A1

Citation (examination)

- EP 2399944 A1 20111228 - NIPPON CATALYTIC CHEM IND [JP]
- EP 1130045 A2 20010905 - NIPPON CATALYTIC CHEM IND [JP]
- EP 0926162 A1 19990630 - NIPPON CATALYTIC CHEM IND [JP]

Citation (third parties)

Third party :

- EP 2399944 A1 20111228 - NIPPON CATALYTIC CHEM IND [JP]
- EP 0827753 A2 19980311 - NIPPON CATALYTIC CHEM IND [JP]
- EP 1130045 A2 20010905 - NIPPON CATALYTIC CHEM IND [JP]
- EP 0926162 A1 19990630 - NIPPON CATALYTIC CHEM IND [JP]

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 2011061315 A1 20110526; CN 102665771 A 20120912; CN 105175609 A 20151223; EP 2504037 A1 20121003;
JP 2013511612 A 20130404; US 2012232177 A1 20120913; US 9574019 B2 20170221

DOCDB simple family (application)

EP 2010067877 W 20101122; CN 201080052798 A 20101122; CN 201510542526 A 20101122; EP 10778674 A 20101122;
JP 2012540376 A 20101122; US 201013509951 A 20101122