

Title (en)

USE OF HOLLOW BODIES FOR PRODUCING WATER-ABSORBENT POLYMER STRUCTURES

Title (de)

VERWENDUNG VON HOHLKÖRPERN ZUR HERSTELLUNG WASSERABSORBIERENDER POLYMERGEBILDE

Title (fr)

UTILISATION DE CORPS CREUX POUR PRÉPARER DES STRUCTURES POLYMÈRES ABSORBANT L'EAU

Publication

EP 2416810 A1 20120215 (DE)

Application

EP 10707284 A 20100309

Priority

- EP 2010052931 W 20100309
- DE 102009016404 A 20090407

Abstract (en)

[origin: WO2010115671A1] The present invention relates to water-absorbent polymer structures, at least partially containing hollow bodies having a shell made of an inorganic or organic material. The invention further relates to a method for producing water-absorbent polymer structures, to the water-absorbent polymer structures which can be obtained by said method, to a composite, to a method for producing a composite, to the composite which can be obtained by said method, to chemical products such as foams, moldings or fibers, to the use of water-absorbent polymer structures or a composite in chemical products, such as foams, moldings or fibers, and to the use of hollow bodies having a shell made of an inorganic or organic material.

IPC 8 full level

A61L 15/22 (2006.01); **A61F 13/00** (2006.01); **A61L 15/60** (2006.01); **B32B 27/00** (2006.01); **C08F 2/44** (2006.01); **C08F 20/10** (2006.01);
C08K 7/22 (2006.01); **C08K 9/10** (2006.01); **C08L 101/14** (2006.01)

CPC (source: EP KR US)

A61F 13/00 (2013.01 - EP KR US); **A61L 15/22** (2013.01 - EP KR US); **A61L 15/60** (2013.01 - EP KR US); **B32B 27/00** (2013.01 - EP US);
C08F 2/44 (2013.01 - EP US); **C08F 20/10** (2013.01 - EP KR US); **C08J 3/128** (2013.01 - EP US); **C08J 3/245** (2013.01 - EP US);
C08J 9/32 (2013.01 - EP US); **C08K 7/22** (2013.01 - EP US); **C08K 9/10** (2013.01 - EP US); **C08L 101/14** (2013.01 - EP US);
C08J 2301/14 (2013.01 - EP US); **C08J 2333/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2010115671A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010115671 A1 20101014; CN 102361653 A 20120222; DE 102009016404 A1 20101021; EP 2416810 A1 20120215;
JP 2012522880 A 20120927; KR 20120043165 A 20120503; TW 201036699 A 20101016; US 2012001122 A1 20120105

DOCDB simple family (application)

EP 2010052931 W 20100309; CN 201080013162 A 20100309; DE 102009016404 A 20090407; EP 10707284 A 20100309;
JP 2012503940 A 20100309; KR 20117026529 A 20100309; TW 99110515 A 20100406; US 201013201780 A 20100309