

Title (en)
METHOD FOR PRODUCING EXPANDABLE STYRENE POLYMERS

Title (de)
VERFAHREN ZUR HERSTELLUNG EXPANDIERBARER STYROLPOLYMERISATE

Title (fr)
PROCÉDÉ DE FABRICATION DE POLYMÈRES STYRÈNE EXPANSIBLES

Publication
EP 2545107 A1 20130116 (DE)

Application
EP 11708023 A 20110307

Priority

- EP 10156440 A 20100312
- EP 2011053374 W 20110307
- EP 11708023 A 20110307

Abstract (en)
[origin: WO2011110518A1] The invention relates to a method for producing expandable styrene polymers, which method comprises the following steps: (a) adding an aqueous phase containing a suspension stabilizer and an organic phase containing styrene and initiator to a reactor, (b) starting the addition of a blowing agent at a conversion rate of styrene in the range from 40 to 70% and addition of the blowing agent over a period of 30 to 60 minutes, (c) adding a stabilizer for stabilizing the bead size distribution of the expandable styrene polymer at a conversion rate of styrene in the range from 65 to 99%.

IPC 8 full level
C08J 9/00 (2006.01); **C08F 12/00** (2006.01)

CPC (source: EP KR)
C08F 2/18 (2013.01 - KR); **C08F 12/08** (2013.01 - EP KR); **C08J 9/141** (2013.01 - EP); **C08J 9/20** (2013.01 - EP KR); **C08F 212/12** (2013.01 - EP); **C08J 2325/06** (2013.01 - EP)

Citation (search report)
See references of WO 2011110518A1

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 2011110518 A1 20110915; AR 080755 A1 20120509; BR 112012021646 A2 20160920; CN 102791781 A 20121121; CN 102791781 B 20140813; EP 2545107 A1 20130116; KR 20130048198 A 20130509; MX 2012009463 A 20120912

DOCDB simple family (application)
EP 2011053374 W 20110307; AR P110100785 A 20110311; BR 112012021646 A 20110307; CN 201180013393 A 20110307; EP 11708023 A 20110307; KR 20127023750 A 20110307; MX 2012009463 A 20110307