

Title (en)
USE OF STATISTICAL COPOLYMERS

Title (de)
VERWENDUNG VON STATISTISCHEN COPOLYMEREN

Title (fr)
UTILISATION DE COPOLYMERES STATISTIQUES

Publication
EP 1709092 A1 20061011 (DE)

Application
EP 04803997 A 20041217

Priority
• EP 2004014389 W 20041217
• DE 102004004209 A 20040127
• EP 04023002 A 20040928
• EP 04803997 A 20041217

Abstract (en)
[origin: WO2005070979A1] The invention relates to the use of statistical copolymers, comprising at least one structural unit with hydrophobic groups and at least one structural unit with hydrophilic groups, as emulsifiers, in particular, for the synthesis of nanoparticles and a production method for such particles with the steps a) production of an inverse emulsion containing one or several water-soluble precursors for the nanoparticles, or a melt, from a statistical copolymer of one monomer with hydrophobic groups and at least one monomer with hydrophilic groups and b) the generation of particles.

IPC 8 full level
C08F 220/00 (2006.01); **B01J 13/04** (2006.01); **C09D 7/62** (2018.01); **C09K 23/00** (2022.01)

CPC (source: EP KR US)
B01J 13/046 (2013.01 - EP); **B82B 3/00** (2013.01 - KR); **B82Y 30/00** (2013.01 - EP US); **C08F 212/00** (2013.01 - KR); **C08F 220/00** (2013.01 - KR); **C08F 230/00** (2013.01 - KR); **C09D 7/62** (2018.01 - EP US); **C09K 23/00** (2022.01 - EP); **C09K 23/003** (2022.01 - EP); **C09K 23/007** (2022.01 - EP); **C09K 23/14** (2022.01 - EP); **C09K 23/16** (2022.01 - EP); **C09K 23/18** (2022.01 - EP KR US); **C08K 3/26** (2013.01 - EP); **C08K 3/30** (2013.01 - EP); **C08K 3/36** (2013.01 - EP); **C08K 9/08** (2013.01 - EP)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005070979 A1 20050804; CA 2554335 A1 20050804; EP 1709092 A1 20061011; JP 2007519786 A 20070719; KR 20070004599 A 20070109; TW 200540191 A 20051216

DOCDB simple family (application)
EP 2004014389 W 20041217; CA 2554335 A 20041217; EP 04803997 A 20041217; JP 2006549912 A 20041217; KR 20067015218 A 20060727; TW 94102252 A 20050126