

Title (en)
POLYMERIC BEADS AND METHODS OF MAKING POLYMERIC BEADS

Title (de)
POLYMERKÜGELCHEN UND VERFAHREN ZUR HERSTELLUNG VON POLYMERKÜGELCHEN

Title (fr)
BILLES POLYMÈRES ET MÉTHODES DE FABRICATION DE BILLES POLYMÈRES

Publication
EP 2029640 A1 20090304 (EN)

Application
EP 07798201 A 20070607

Priority

- US 2007070571 W 20070607
- US 42304806 A 20060608
- US 94114807 P 20070531

Abstract (en)
[origin: WO2007146722A1] Polymeric beads and methods of making the polymeric beads are described. The polymeric beads are crosslinked hydrogels or dried hydrogels. The polymeric beads are formed from droplets of a precursor composition that are exposed to radiation. The droplets are totally surrounded by a gas phase. The precursor composition contains a polar solvent and a polymerizable material miscible in the polar solvent. The polymerizable material has an average number of ethylenically unsaturated groups per monomer molecule equal to at least 1.2.

IPC 8 full level
C08F 20/26 (2006.01); **B01J 19/00** (2006.01); **C08F 2/34** (2006.01); **C08F 2/38** (2006.01); **C08F 2/54** (2006.01); **C08F 220/34** (2006.01); **C08F 222/10** (2006.01)

CPC (source: EP KR US)
C08F 2/34 (2013.01 - KR); **C08F 2/38** (2013.01 - KR); **C08F 2/54** (2013.01 - KR); **C08F 20/26** (2013.01 - KR); **C08F 220/34** (2013.01 - EP KR US); **C08F 222/103** (2020.02 - EP KR US)

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007146722 A1 20071221; BR PI0712183 A2 20120117; CN 101466745 A 20090624; CN 101466745 B 20120111; EP 2029640 A1 20090304; EP 2029640 A4 20100428; JP 2009540063 A 20091119; JP 5368300 B2 20131218; KR 101457712 B1 20141103; KR 20090026758 A 20090313

DOCDB simple family (application)
US 2007070571 W 20070607; BR PI0712183 A 20070607; CN 200780021160 A 20070607; EP 07798201 A 20070607; JP 2009514522 A 20070607; KR 20087029735 A 20070607