

Title (en)
MULTI-SOLUTION BONE CEMENTS AND METHODS OF MAKING THE SAME

Title (de)
MULTI-LÖSUNGS-KNOCHENZEMENTE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
CIMENTS OSSEUX MULTI-SOLUTIONS ET LEURS PROCÉDÉS DE FABRICATION

Publication
EP 2361077 A4 20120905 (EN)

Application
EP 08781696 A 20080711

Priority
US 2008069797 W 20080711

Abstract (en)
[origin: WO2010005442A1] The present invention relates to bone cements and, more particularly, to multi- solution bone cements and methods for making the same. An embodiment of the present invention provides multi- solution bone cements which include cross-linked PMMA beads, thereby providing for a significant increase in the polymer-to-monomer (P:M) ratio. Another embodiment of the present invention provides cross-linked PMMA beads which are surface modified with unsaturated carbon double bonds. A further embodiment of the present invention provides multi- solution bone cements made with PMMA-PMMA spherical brush polymers.

IPC 8 full level
A61L 24/00 (2006.01); **A61K 6/884** (2020.01); **A61L 24/06** (2006.01); **C08L 33/12** (2006.01)

CPC (source: EP)
A61L 24/001 (2013.01); **A61L 24/06** (2013.01); **A61L 2430/02** (2013.01)

Citation (search report)

- [X] US 2008039586 A1 20080214 - HASENWINKEL JULIE M [US], et al
- See references of WO 2010005442A1

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2010005442 A1 20100114; EP 2361077 A1 20110831; EP 2361077 A4 20120905

DOCDB simple family (application)
US 2008069797 W 20080711; EP 08781696 A 20080711