

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

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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.

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