

Title (en)
IMPROVED COLD-CURING BONE CEMENT.

Title (de)
VERBESSERTER KALTVERNETZBARER KNOCHENZEMENT.

Title (fr)
CIMENT OSSEUX POLYMERISANT A FROID.

Publication
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Application
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Priority
SE 8405155 A 19841016

Abstract (en)
[origin: WO8602370A1] The bone cement includes a liquid monomer and two distinct sizes of particulate polymer to minimize the amount of heat released in producing a fully formed structure while maintaining suitable mechanical properties. The particulate components are proportioned so that the smaller particles fill the interstices between large particles in the mixture, thereby reducing the amount of monomer required. There is disclosed a method for making this bone cement. The method comprises mixing a polymer powder with liquid monomer and upon thickening of the mixture, admixing granulate. The composition thus produced hardens to form a bone cement structure.

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C08L 33/12; **C08L 51/00**

IPC 8 full level
C08L 33/12 (2006.01); **A61K 6/083** (2006.01); **A61L 24/06** (2006.01); **A61L 26/00** (2006.01); **C04B 26/06** (2006.01); **C08F 265/06** (2006.01); **C08K 3/00** (2006.01); **C08L 33/04** (2006.01); **C08L 51/00** (2006.01); **C08L 51/06** (2006.01); **C09J 4/06** (2006.01)

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1. **A61L 24/06** + **C08L 33/12**
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Citation (search report)
• [E] EP 0177781 A1 19860416 - DRAENERT KLAUS
• See references of WO 8602370A1

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AT BE CH DE FR GB IT LI LU NL SE

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