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Vogt

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(54) **PASTE-LIKE BONE CEMENT**

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See application file for complete search history.

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(57) **ABSTRACT**

A paste contains at least one monomer for radical polymerization, at least one polymer that is soluble in said at least one monomer for radical polymerization, and at least one filling agent that is poorly soluble or insoluble in said at least one monomer for radical polymerization. The filling agent is a particulate inorganic calcium salt comprising the following properties: at least 90% by weight of the particulate inorganic calcium salt have a particle size of less than 63 μm, as determined by means of sieve analysis; and the solubility in water of the particulate inorganic calcium salt at 20° C. is less than 8.5 g per liter. A kit and the paste is usable for mechanical fixation of articular endoprostheses, for covering skull defects, for filling bone cavities, for femuroplasty, for vertebroplasty, for kyphoplasty, for the manufacture of spacers or for the production of carrier materials for local antibiotics therapy, as well as a form body.

7 Claims, No Drawings