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(54) Title: METHOD FOR THE MANUFACTURING OF A POWDERED MATERIAL, THE POWDERED MATERIAL AND A CERAMIC MATERIAL MANUFACTURED THERE FROM.

(57) Abstract: Powdered material, the binder phase of which mainly consists of a cement-based system, which powdered material has the capacity following saturation with a liquid reacting with the binder phase to hydrate to radiopaque and chemically bonded ceramic material. According to the invention, said binder phase mainly consists of CaOAl_2O_3 (ss) and/or $3\text{CaOAl}_2\text{O}_3$ (ss). The material also contains one or more heavy atom types with a density over 5g/cm^3 . The invention also relates to a method for manufacturing the powdered material and the chemically bonded ceramic material formed from the powdered material, in which said binder phase has a mol ratio $\text{Al}_2\text{O}_3\cdot 3\text{H}_2\text{O}$ (ss) to $3\text{CaOAl}_2\text{O}_3\cdot 6\text{H}_2\text{O}$ (ss) of a maximum of 2:1.

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