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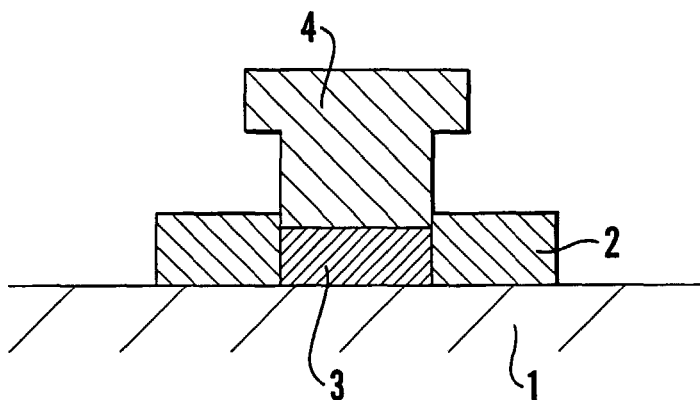
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(54) Title: METHOD FOR PRODUCING A CHEMICALLY BOUND CERAMIC PRODUCT, AND PRODUCT



(57) Abstract: Method for the production of a chemically bound ceramic material by means of reaction between a binding phase of one or more powdered binding agents and a liquid reacting with these binding agents, a quantity of powder containing said binding phase being suspended in said liquid so that all powder grains are brought into close contact with the liquid, whereupon the slurry thus obtained is drained so that the majority of surplus reacting liquid is removed, and is compacted during final draining, before the material is permitted to harden by reaction between said binding phase and the remaining liquid. One or more expansion-compensating additives, adapted to give the material

dimensionally stable long-term properties, are mixed into said powder, prior to or in conjunction with its suspension in the liquid. The invention also relates to the product of the method.