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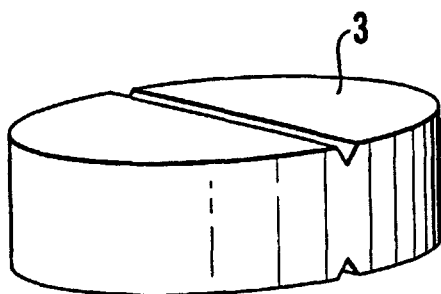
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(54) Title: CHEMICALLY BOUND CERAMIC PRODUCT, METHOD FOR ITS PRODUCTION, TOOL TO BE USED IN EX-
ECUTION OF THE METHOD AND INTERCHANGEABLE PART ON THE TOOL



(57) Abstract: Raw compact (3) comprising a binding phase of one
or more powdered binding agents, which raw compact has the capac-
ity, following saturation with a liquid reacting with binding agents, to
form a chemically bound ceramic material, and which raw compact
preferably has a degree of compactness of 55-67 percent by volume
solid phase. According to the invention, the raw compact (3) also
comprises one or more expansion-compensating additives adapted
to give the material dimensionally stable long-term properties. The
invention also relates to a method of manufacture of the ceramic ma-
terial, and a compaction device and a compaction body for compact-
ing the saturated raw compacts.