

Title (en)
CERAMIC COMPOSITE STRUCTURE AND PROCESS FOR THE PRODUCTION THEREOF

Title (de)
KERAMISCHER VERBUNDKÖRPER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
CORPS COMPOSITE CERAMIQUE ET SON PROCEDE DE PRODUCTION

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Application
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Abstract (en)
[origin: DE19620403C1] The invention relates to a one-part, fire resistant ceramic composite structure consisting of at least two adjacent layers. The substantial mass portion of the layers consists of an identical, fire-resistant ceramic material, and the remaining mass portion is selected in relation to each layer in such a manner that at least one layer couples inductively subject to the influence of a magnetic field, whereas at least one other layer does not couple subject to the influence of said electromagnetic field. However, all layers have the same thermal coefficient of expansion.

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