

Title (en)

METHOD FOR PRODUCING POROUS MOLDED BODIES FROM POLYCRYSTALLINE SILICON NITRIDE

Title (de)

POROESE FORMKOERPER AUS POLYKRISTALLINEM SILICIUMNITRID UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

PROCEDE DE PRODUCTION DE CORPS FACONNES POREUX A PARTIR DE NITRURE DE SILICIUM POLYCRISTALLIN

Publication

**EP 1284942 A2 20030226 (DE)**

Application

**EP 01953154 A 20010521**

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Abstract (en)

[origin: WO0190029A2] The invention relates to a novel and improved method for producing porous molded bodies that have a polycrystalline structure. The aim of the invention is to provide a method for producing such molded bodies that have the conventional excellent properties of the material which at the same time at least substantially reduces the disadvantages known from the art. To this end, a batch of a silicon nitride powder that has a modal particle size distribution of coarse and fine particles is precompacted to form a green compact and is baked using a temperature-based sintering process.

[origin: WO0190029A2] The invention relates to a method for producing porous molded bodies on the basis of silicon nitride. According to the inventive method, a batch of a silicon nitride powder that has a modal particle size distribution of coarse and fine particles is precompacted to form a green compact and is baked using a temperature-based sintering process.

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