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(54) **POROUS ALPHA-SIC-CONTAINING SHAPED BODY HAVING A CONTIGUOUS OPEN PORE STRUCTURE**

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(58) **Field of Classification Search**

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention relates to a porous alpha-SiC-containing shaped body with a gas-permeable, open-pored pore structure comprising platelet-shaped crystallites which are connected to form an interconnected, continuous skeletal structure, wherein the skeletal structure consists of more than 80 wt.-% alpha-SiC, relative to the total weight of SiC, a process for producing same and its use as a filter component.

10 Claims, 11 Drawing Sheets