

Title (en)

A1 2?O 3?/SiC NANOCOMPOSITE ABRASIVE GRAINS, METHOD FOR PRODUCING THEM AND THEIR USE

Title (de)

AL2O3/SiC-NANOKOMPOSIT-SCHLEIFKÖRNER, VERFAHREN ZU IHRER HERSTELLUNG SOWIE IHRE VERWENDUNG

Title (fr)

NANO-GRAINS ABRASIFS COMPOSITES DE SiC-A1 2?O 3?/SiC, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION

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Application

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Abstract (en)

[origin: DE19945335A1] The invention relates to a method for producing A12O3/SiC nanocomposite abrasive grains. SiC nanoparticles are added to a sol containing aluminium oxide and said sol is then gelatinized, dried, calcinated and sintered. The invention also relates to A12O3/SiC nanocomposite abrasive grains.

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