

Title (en)

PROCESS FOR THE PREPARATION OF SUBMICRON-SIZED BORON CARBIDE POWDERS.

Title (de)

HERSTELLUNGSVERFAHREN FÜR SUBMIKRONE BORONKARBIDPULVER.

Title (fr)

PROCEDE DE PREPARATION DE POUDRES DE CARBURE DE BORE DE TAILLE INFERIEURE AU MICRON.

Publication

EP 0211948 A1 19870304 (EN)

Application

EP 86901635 A 19860212

Priority

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Abstract (en)

[origin: WO8604524A1] Ultrafine, high purity B₄C is produced by BCl₃, CH₄ or C₂H₄, and H₂, using a CO₂ laser (10), where a stoichiometric excess of H₂ and about half the stoichiometric amount of CH₄ or C₂H₄ is employed.

Abstract (fr)

B₄C ultrafin, de grande pureté, est produit par BCl₃, CH₄ ou C₂H₄, et H₂, en utilisant un laser au CO₂ (10), par l'emploi d'un excédent stoechiométrique de H₂ et d'environ la moitié de la quantité stoechiométrique de CH₄ ou C₂H₄.

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