

Title (en)

METHOD FOR THE PREPARATION OF CERAMIC MATERIALS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON KERAMIKMATERIALIEN

Title (fr)

PROCÉDÉ POUR LA PRÉPARATION DE MATÉRIAUX CÉRAMIQUES

Publication

**EP 2125663 A4 20120523 (EN)**

Application

**EP 08710228 A 20080221**

Priority

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- US 90251207 P 20070222

Abstract (en)

[origin: WO2008102357A2] This invention is directed to novel and useful process for the preparation of boron carbide, boron nitride and silicon carbide comprising carbidization or nitridation step of boron oxides or silicon oxides, using nanoparticles substrates.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XY] US 2006051281 A1 20060309 - PRADHAN BHABENDRA [US], et al
- [X] NL 8802115 A 19900316 - STAMICARBON
- [Y] EP 0327401 A2 19890809 - DOW CHEMICAL CO [US]
- [Y] US 4804525 A 19890214 - RAFANIETTO WILLIAM [US], et al
- [Y] US 3379647 A 19680423 - SMUDSKI PAUL A
- [Y] US 3085863 A 19630416 - PRENER JEROME S
- See references of WO 2008102357A2

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DOCDB simple family (publication)

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