

Title (en)

FORMATION OF BORON CARBIDE-BORON NITRIDE CARBON COMPOSITIONS

Title (de)

BILDUNG VON BORCARBID-BORNITRID-KOHLENSTOFFZUSAMMENSETZUNGEN

Title (fr)

FORMATION DE COMPOSITIONS CARBONÉES DE CARBURE DE BORE-NITRURE DE BORE

Publication

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Application

EP 13784805 A 20130228

Priority

- US 201261640744 P 20120501
- US 201261669201 P 20120709
- US 201261693930 P 20120828
- US 201313749794 A 20130125
- US 201313768219 A 20130215
- US 2013028122 W 20130228

Abstract (en)

[origin: WO2013165538A1] A composition having nanoparticles of a boron carbide and a carbonaceous matrix. The composition is not in the form of a powder. A composition comprising boron and an organic component, The organic component is an organic compound having a char yield of at least 60% by weight or a thermoset made from the organic compound. A method of combining boron and an organic compound having a char yield of at least 60% by weight, and heating to form boron carbide or boron nitride nanoparticles.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XA] US 2011200748 A1 20110818 - EBERLING-FUX NICOLAS [FR], et al
- [XI] US 7722851 B2 20100525 - KELLER TEDDY M [US], et al
- See references of WO 2013165538A1

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