

Title (en)

METHOD FOR JOINING CERAMICS TO CERAMICS OR CERAMICS TO METALS, AND APPARATUS

Title (de)

VERFAHREN ZUR VERBINDUNG VON KERAMIK MIT KERAMIK ODER KERAMIK MIT METALLEN SOWIE VORRICHTUNG

Title (fr)

PROCÉDÉ POUR JOINDRE DES CÉRAMIQUES À DES CÉRAMIQUES OU DES CÉRAMIQUES À DES MÉTAUX, APPAREIL

Publication

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Application

EP 15811742 A 20150327

Priority

- US 201461971941 P 20140328
- US 201461972582 P 20140331
- US 201461972630 P 20140331
- US 201461973027 P 20140331
- US 201461973085 P 20140331
- US 201514656253 A 20150312
- US 2015023055 W 20150327

Abstract (en)

[origin: WO2015148969A1] A high strength joint material. A material for a joint between a ceramic body and a metal body. A material for a joint between a ceramic body and a ceramic body. The subject invention relates to the formulation of a family of mixed oxide materials for joining bodies of ceramic and/or metals, specifically: silicon carbide, mullite or tungsten to silicon carbide, mullite or tungsten.

IPC 8 full level

C04B 41/88 (2006.01); **B23K 1/19** (2006.01); **C03C 3/085** (2006.01); **C03C 8/24** (2006.01); **C04B 37/00** (2006.01); **C04B 37/02** (2006.01); **C04B 41/87** (2006.01)

CPC (source: EP)

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Citation (search report)

- [XAY] US 5013612 A 19910507 - HUNT THOMAS K [US], et al
- [YA] US 4510210 A 19850409 - HUNT THOMAS K [US]

Citation (examination)

US 3489627 A 19700113 - BOTDEN THEODOOR PETER JOHANNES, et al

Designated contracting state (EPC)

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