

Title (en)

MATERIAL FOR TRIBOLOGICAL APPLICATIONS

Title (de)

WERKSTOFF FÜR TRIBOLOGISCHE ANWENDUNGEN

Title (fr)

MATÉRIAU POUR APPLICATIONS TRIBOLOGIQUES

Publication

**EP 2089341 A1 20090819 (DE)**

Application

**EP 07820119 A 20070911**

Priority

- EP 2007059512 W 20070911
- DE 102006051201 A 20061030

Abstract (en)

[origin: WO2008052833A1] The invention relates to a metal-ceramic-composite material, in particular, for tribological applications. Said material comprises a preform made of a ceramic material, and copper or a copper alloy as a metallic component. The ceramic fraction is between 30 and 80 % in vol. and the fraction of copper or copper alloy is between 20 and 70 % in vol.

IPC 8 full level

**C04B 41/88** (2006.01); **C22C 1/10** (2006.01); **F16D 69/02** (2006.01)

CPC (source: EP US)

**C04B 41/009** (2013.01 - EP US); **C04B 41/5127** (2013.01 - EP US); **C04B 41/88** (2013.01 - EP US); **C22C 29/00** (2013.01 - EP US); **C22C 32/00** (2013.01 - EP US); **F16D 69/027** (2013.01 - EP US); **C04B 2111/00362** (2013.01 - EP US)

C-Set (source: EP US)

1. **C04B 41/5127** + **C04B 41/4521** + **C04B 41/4523**
2. **C04B 41/009** + **C04B 35/00**
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Citation (search report)

See references of WO 2008052833A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 102006051201 A1 20080508**; EP 2089341 A1 20090819; JP 2010508442 A 20100318; RU 2009120391 A 20101210; US 2011003680 A1 20110106; WO 2008052833 A1 20080508

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