

Title (en)
Ceramic composite body

Title (de)
Keramische Verbundkörper

Title (fr)
Corps composite céramique

Publication
EP 1380809 B1 20061011 (DE)

Application
EP 03015441 A 20030709

Priority
DE 10231278 A 20020710

Abstract (en)
[origin: EP1380809A2] A ceramic composite body comprises a layer A containing phases of a metal and a carbide of the metal, and a layer B containing silicon carbide particles partially bound via carbon binder phases directly via sintering bridges and having a pore volume of 10-35%. An Independent claim is also included for the production of a ceramic composite body.

IPC 8 full level
F41H 5/04 (2006.01)

CPC (source: EP US)
F41H 5/0414 (2013.01 - EP US); **Y10T 428/24942** (2015.01 - EP US); **Y10T 428/249953** (2015.04 - EP US); **Y10T 428/249955** (2015.04 - EP US); **Y10T 428/249956** (2015.04 - EP US); **Y10T 428/249957** (2015.04 - EP US); **Y10T 428/249967** (2015.04 - EP US); **Y10T 428/249969** (2015.04 - EP US); **Y10T 428/249981** (2015.04 - EP US); **Y10T 428/249987** (2015.04 - EP US); **Y10T 428/24999** (2015.04 - EP US); **Y10T 442/2623** (2015.04 - EP US)

Cited by
EP3473965A1; EP1643207A1; US8113104B2; WO2019077310A1; WO2022007377A1; FR3112201A3; WO2022003300A1; WO2018011477A1; US11635281B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1380809 A2 20040114; **EP 1380809 A3 20040526**; **EP 1380809 B1 20061011**; AT E342485 T1 20061115; DE 10231278 A1 20040205; DE 50305325 D1 20061123; ES 2274146 T3 20070516; US 2004197542 A1 20041007; US 7128963 B2 20061031

DOCDB simple family (application)
EP 03015441 A 20030709; AT 03015441 T 20030709; DE 10231278 A 20020710; DE 50305325 T 20030709; ES 03015441 T 20030709; US 61764003 A 20030710