

Title (en)
CERAMIC COMPOSITE

Title (de)
KERAMISCHER VERBUNDWERKSTOFF

Title (fr)
MATERIAU COMPOSITE CERAMIQUE

Publication
EP 1339652 A2 20030903 (DE)

Application
EP 01993592 A 20011105

Priority
• DE 0104110 W 20011105
• DE 10055082 A 20001107

Abstract (en)
[origin: WO0238520A2] The invention relates to a ceramic composite, in particular, a ceramic moulded body or layer. Said composite is obtained by the pyrolysis of a starting mixture containing at least one polymer precursor material and at least one filler, which has an average particle size of less than 200 nm. A composite of this type is particularly suitable for producing fibres, filters, catalyst support materials, ceramic sheathed-element glow plugs, reaction composites containing metal, porous protective sleeves for sensors, ceramic or part-ceramic coatings, or microstructural ceramic components.

IPC 1-7
C04B 35/571; C04B 38/00; C08K 3/36; C08K 3/00

IPC 8 full level
C04B 35/571 (2006.01); **C04B 35/622** (2006.01); **C04B 38/00** (2006.01); **C08K 3/34** (2006.01)

CPC (source: EP KR US)
B82Y 30/00 (2013.01 - EP US); **C04B 35/571** (2013.01 - EP KR US); **C04B 38/0022** (2013.01 - EP US); **C08K 3/34** (2013.01 - EP US); **B82Y 30/00** (2013.01 - KR); **C08K 2201/011** (2013.01 - EP US)

Citation (search report)
See references of WO 0238520A2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 0238520 A2 20020516; **WO 0238520 A3 20021121**; DE 10055082 A1 20020516; EP 1339652 A2 20030903; JP 2004513057 A 20040430; KR 100824220 B1 20080424; KR 20020092934 A 20021212; US 2003092557 A1 20030515; US 6777361 B2 20040817

DOCDB simple family (application)
DE 0104110 W 20011105; DE 10055082 A 20001107; EP 01993592 A 20011105; JP 2002541059 A 20011105; KR 20027008685 A 20020704; US 16966202 A 20021029