

Title (en)

GLASS/CERAMIC COMPOSITE MATERIAL, CERAMIC FILM, LAYER COMPOSITE, OR MICROHYBRID COMPRISING SAID COMPOSITE MATERIAL AND METHOD FOR PRODUCTION THEREOF

Title (de)

GLAS-KERAMIK-VERBUNDWERKSTOFF, KERAMISCHE FOLIE, SCHICHTVERBUND ODER MIKROHYBRID MIT DIESEM VERBUNDWERKSTOFF UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

MATERIAU COMPOSITE VITROCERAMIQUE, PELLICULE CERAMIQUE, COMPOSITE EN COUCHES CERAMIQUE OU MICROHYBRIDE CERAMIQUE CONTENANT CE MATERIAU COMPOSITE ET PROCEDE DE FABRICATION DE CE MATERIAU

Publication

EP 1527027 A1 20050504 (DE)

Application

EP 03722242 A 20030328

Priority

- DE 0301034 W 20030328
- DE 10234364 A 20020727

Abstract (en)

[origin: DE10234364A1] Glass-ceramic composite material comprises: (a) a ceramic filler; and (b) a glassy matrix containing lithium, silicon, aluminum and oxygen with a crystalline phase. Independent claims are also included for the following: (1) ceramic foil, ceramic layer composite or micro-hybrid made from the glass-ceramic composite material; and (2) process for the production of a glass-ceramic composite material, a ceramic foil, a ceramic layer composite or micro-hybrid.

IPC 1-7

C03C 14/00

IPC 8 full level

C04B 35/16 (2006.01); **C03C 10/12** (2006.01); **C03C 14/00** (2006.01); **H01B 3/02** (2006.01); **H05K 1/03** (2006.01)

CPC (source: EP US)

C03C 14/004 (2013.01 - EP US); **C03C 2214/20** (2013.01 - EP US)

Citation (search report)

See references of WO 2004016559A1

Citation (examination)

EP 0499865 A1 19920826 - SUMITOMO ELECTRIC INDUSTRIES [JP]

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

DE 10234364 A1 20040219; **DE 10234364 B4 20071227**; EP 1527027 A1 20050504; JP 2005533744 A 20051110; US 2006128546 A1 20060615; WO 2004016559 A1 20040226

DOCDB simple family (application)

DE 10234364 A 20020727; DE 0301034 W 20030328; EP 03722242 A 20030328; JP 2004528286 A 20030328; US 52325105 A 20050830