

Title (en)

AQUEOUS CERAMIC CASTING MATERIAL, METHOD FOR PRODUCING SAID CASTING MATERIAL AND USE OF THE SAME

Title (de)

WÄSSRIGE KERAMISCHE GIESSMASSE, VERFAHREN ZUR HERSTELLUNG DER GIESSMASSE UND VERWENDUNG DER GIESSMASSE

Title (fr)

MATIERE A COULER CERAMIQUE AQUEUSE, PROCEDE DE PREPARATION ET D'UTILISATION DE LADITE MATIERE

Publication

EP 1152999 A1 20011114 (DE)

Application

EP 00903495 A 20000103

Priority

- DE 0000020 W 20000103
- DE 19902157 A 19990120

Abstract (en)

[origin: WO0043328A1] The invention relates to an aqueous ceramic casting material which contains a binder consisting of polyurethane. The casting material is suitable for producing a very thin ceramic green sheet with a thickness of up to 1 μ m. A mechanical property of the green sheet, such as its modulus of elasticity and tensile strength can be specifically influenced using the binder to ensure that the green sheet is reliable for reprocessing. A green film of this type can be used e.g., to produce a multilayer condenser with a high capacity and a low construction height.

IPC 1-7

C04B 35/634

IPC 8 full level

C08J 5/18 (2006.01); **C04B 35/00** (2006.01); **C04B 35/46** (2006.01); **C04B 35/468** (2006.01); **C04B 35/622** (2006.01); **C04B 35/632** (2006.01); **C04B 35/634** (2006.01); **C08K 3/00** (2006.01); **C08K 3/24** (2006.01); **C08L 33/08** (2006.01); **C08L 75/04** (2006.01); **H01G 4/12** (2006.01)

CPC (source: EP US)

C04B 35/4682 (2013.01 - EP US); **C04B 35/634** (2013.01 - EP US); **C04B 35/63424** (2013.01 - EP US); **C04B 35/63456** (2013.01 - EP US); **H01G 4/12** (2013.01 - EP US)

Citation (search report)

See references of WO 0043328A1

Designated contracting state (EPC)

AT DE NL

DOCDB simple family (publication)

WO 0043328 A1 20000727; EP 1152999 A1 20011114; JP 2002535231 A 20021022; US 6521686 B1 20030218

DOCDB simple family (application)

DE 0000020 W 20000103; EP 00903495 A 20000103; JP 2000594748 A 20000103; US 85778701 A 20010611