

Title (en)

METHOD OF MANUFACTURING A ZIRCONIUM DIOXIDE GREEN BODY WITH COLOR AND TRANSLUCENCY GRADIENTS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ZIRKONDIOXIDROHLINGS MIT FARB- UND TRANSLUZENZVERLAUF

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE ÉBAUCHE CRUE DE DIOXYDE DE ZIRCONIUM AVEC DES GRADIENTS DE COULEUR ET DE TRANSLUCIDITÉ

Publication

EP 4010299 A1 20220615 (DE)

Application

EP 20750275 A 20200805

Priority

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Abstract (en)

[origin: WO2021023791A1] The invention relates to a sintered molding with color gradient for use in the manufacture of dental restorations, obtainable by sintering a compression-molded element comprising five or more different ceramic powder layers, each powder layer comprising at least two different base powders and each base powder containing at least 80 wt.% ZrO₂, each weight amount being relative to the total weight of the base powder.

IPC 8 full level

A61C 13/083 (2006.01); **A61K 6/818** (2020.01); **B32B 18/00** (2006.01); **C04B 35/486** (2006.01); **C04B 35/488** (2006.01); **C04B 35/64** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2021023788A1

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DOCDB simple family (application)

EP 2020072048 W 20200805; EP 2020072044 W 20200805; EP 20750275 A 20200805; EP 20750276 A 20200805; JP 2022506827 A 20200805; JP 2022506828 A 20200805; US 202017632534 A 20200805; US 202017632539 A 20200805