

Title (en)

SYSTEM FOR PRODUCING A VENEERING CERAMIC

Title (de)

SYSTEM ZUR HERSTELLUNG EINER VERBLENDKERAMIK

Title (fr)

SYSTEME POUR PRODUIRE UNE CERAMIQUE DE RECOUVREMENT

Publication

EP 1438000 A1 20040721 (DE)

Application

EP 02785298 A 20021024

Priority

- DE 10152044 A 20011025
- EP 0211906 W 20021024

Abstract (en)

[origin: WO03035014A1] The invention relates to a system for producing a fully ceramic artificial dentition based on a core material consisting of TZP (tetragonal zirconia polycrystals) as a starting material, an intermediate layer which can be obtained from a mixture A, and a mixture B for a veneering ceramic comprising: (a) a mixture A containing, in addition to aluminosilicates, between 0.5 and 8 mol %, especially between 2 and 5 mol % of yttrium oxide, preferably Y₂O₃, and/or between 8 and 16 mol %, especially between 10 and 14 mol % of cerioxide, especially CeO₂; and/or (b) a mixture B containing a veneering ceramic for veneering fully ceramic substructures consisting of TZP, and also containing between 0.5 and 8 mol %, especially between 2 and 5 mol % of yttrium oxide, especially Y₂O₃, and/or between 8 and 16 mol %, preferably between 10 and 14 mol % of cerioxide, especially CeO₂.

IPC 1-7

A61K 6/02

IPC 8 full level

A61K 6/06 (2006.01)

CPC (source: EP)

A61K 6/20 (2020.01); **A61K 6/807** (2020.01); **A61K 6/818** (2020.01); **A61K 6/822** (2020.01); **A61K 6/824** (2020.01)

Citation (search report)

See references of WO 03035014A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03035014 A1 20030501; EP 1438000 A1 20040721; JP 2005510493 A 20050421

DOCDB simple family (application)

EP 0211906 W 20021024; EP 02785298 A 20021024; JP 2003537582 A 20021024