

Title (en)  
SYSTEM FOR PRODUCING A VENEERING CERAMIC

Title (de)  
SYSTEM ZUR HERSTELLUNG EINER VERBLENDKERAMIK

Title (fr)  
SYSTEME POUR PRODUIRE UNE CERAMIQUE DE RECOUVREMENT

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Application  
**EP 02785298 A 20021024**

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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 Y<sub>2</sub>O<sub>3</sub>, and/or between 8 and 16 mol %, especially between 10 and 14 mol % of cerioxide, especially CeO<sub>2</sub>; 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 Y<sub>2</sub>O<sub>3</sub>, and/or between 8 and 16 mol %, preferably between 10 and 14 mol % of cerioxide, especially CeO<sub>2</sub>.

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