

Title (en)
METHOD AND BLANK FOR THE PRODUCTION OF A DENTAL BODY

Title (de)
VERFAHREN UND ROHLING ZUR HERSTELLUNG EINES GEBISSKÖRPERS

Title (fr)
TECHNIQUE DE FABRICATION DE CORPS DENTAIRE ET EBAUCHE CORRESPONDANTE

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Abstract (en)
[origin: WO9913796A1] The present invention concerns a method for the production by machining of a dental restoration body for use when mending, restoring or building up a tooth or row of teeth, as well as a blank intended for the production of the dental restoration body by machining. The procedure involves that numerical information about the geometry of the desired restoration body is compared with information about the geometry of available blanks; that information about the colour of the desired restoration body is compared with information about the colour of available blanks; that the blank whose geometry most closely exceeds the geometry of the desired restoration body and whose colour most closely agrees with the colour of the desired restoration body is selected; and that the chosen blank is machined to the desired restoration body. The blank includes a part for firmly attaching the blank during machining, the firm attachment part (5), and a part intended to be machined, the machined part (7), that has a specified geometry, whereby a waist of material (8) or neck to facilitate the access of the machine tool and reduce the amount of rough machining during the production of the restoration body is arranged between the parts. In addition, the geometry of the machined part (7) is roughly pre-formed and a directional orienting reference device is arranged at a specified position on the blank. A recess (12) of specified dimensions is also arranged on one surface of the machined part (7).

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