

Title (en)

METHOD AND DEVICE FOR PRODUCING PRIMARY AND SECONDARY DENTAL PARTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON ZAHNTECHNISCHEN PRIMÄR- UND SEKUNDÄRTEILEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION DE PARTIES PRIMAIRES ET SECONDAIRES DE TECHNIQUE DENTAIRE

Publication

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Application

EP 12797871 A 20121203

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Abstract (en)

[origin: WO2013079724A1] The invention proposes a method for producing dental prosthesis parts called primary part (7) and secondary part (8), wherein a main body (3) is first of all automatically generated from a blank (2) by material-removal machining performed by means of a programmable machining device, for example by means of a CNC milling machine, which main body (3) has a first end (5), a second end (4), and a circumferential surface that extends between these two ends (4, 5), of which the second end (4) and the circumferential surface correspond exactly to the primary part (7) to be produced, then a receiving part (6) is fitted onto the main body (3) and is automatically held, by means of a programmable handling machine, in such a way that the orientation of the main body or blank in space is precisely defined, with the result that the main body (3) is held by means of the receiving part (6) which encloses the main body (3) and leaves the first end (5) of the main body (3) free, the main body (3) is separated from the rest of the blank (2) at the first end (5) by means of an automatic separating mechanism, the main body (3) is hollowed out automatically from the direction of the first end (5) in order to create the primary part (7), a secondary part (8) is produced that has a recess whose surface is adapted to the outer contour of the primary part (7) and, in the context of a so-called marriage, the secondary part (8) is fitted onto the primary part (7) or the primary part (7) is inserted into the secondary part (8).

IPC 8 full level

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