

Title (en)
FACE-BOW

Title (de)
GESICHTSBOGEN

Title (fr)
ARC FACIAL

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Application
EP 08716526 A 20080313

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Abstract (en)
[origin: WO2008113514A1] The invention relates to a dental face-bow comprising a base part (2), two side arms (3) that extend from the base part (2) and two positioning elements, for example ear pieces (4) for positioning the face-bow on the head of the patient. The positioning elements (4) are situated on the side arms (3) and can be displaced in relation to the side arms (3). The face-bow is also provided with a displacement device which is used to simultaneously displace the two positioning elements (4) in relation to the side arms (3). To drive the positioning elements (4), a dial, which is situated on the base part (2), can be used for example to turn a flexible shaft that is rotatably mounted inside the two side arms (3). The two ends of the shaft are equipped with gears that co-operate with gear rods (8) on the positioning elements (4). This arrangement permits the face-bow to be placed on a patient extremely gently, as there is in particular no relative displacement of the side arms (3). The face-bow is also provided with a nose support (9), which can not only be displaced in the longitudinal direction in relation to the base part (2), but can also be pivoted about a horizontal axis that runs laterally. The face-bow can thus be aligned in a particularly accurate manner with the infra-orbital point in accordance with the shape and size of each patient's head.

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