

Abstract

DEVICE AND METHOD FOR MEASURING A MOVEMENT OF A MANDIBLE

The invention relates to a device (1) for measuring a relative position and/or movement of a mandible (UK) relative to a maxilla of a patient, comprising an emitting coil (8) for emitting an electromagnetic measuring field (5), at least one mandible sensor (US1), said mandible sensor (US1) being placed and/or can be placed on teeth in the mouth (U1-U8) or in the mouth on a mandible device (UK). The mandible sensor (US1) is designed as a sensor at least for determining a position in a measuring field (5) and/or relative to the emitting coil (8), also comprising an evaluation device (3) for determining the relative position and/or relative movement of the mandible (UK) relative to the maxilla (OK) based on positions determined by the sensor (US1). The sensor coil (8) is placed and/or can be placed outside of the mouth on the side or above the maxilla (OK). The invention also relates to a method for determining a relative position and/or movement of the mandible (UK) relative to a maxilla (OK) of a patient with a device (1), a device (X) for simulating and transferring a measured relative movement from the method and a holding device for at least one maxilla sensor (OS1) and/or at least one mandible sensor (US1).

Fig. 2