

Title (en)
DENTAL CHAIR

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Application
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Priority
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Abstract (en)
[origin: EP0373245A1] The invention relates to a dental chair with means (4) for adjusting the height of the chair, the inclination of the chair (2) and backrest (3), and also the position of the chair (2) and backrest (3) in relation to the longitudinal direction of the chair. In order to keep to the very minimum the mechanical outlay and the space required for the means (4) for adjusting the chair, it is proposed to provide two articulated arms (9, 10; 36, 37; 48, 49) which on the one hand are connected to each other in an articulated manner and whose free ends are coupled on the one hand to the chair (2) and on the other hand to a pedestal (34, 35, 51) which is raised with respect to a support plane (5). In addition, separate controllable adjustment mechanisms (16, 17, 18; 42, 43, 44; 54, 55, 56) are provided, of which the first (18, 42, 54) acts between the one articulated arm (10, 36, 49) coupled to the pedestal (34, 35, 51) and the stationary pedestal (34, 35, 51), the second (17, 43, 55) acts between the two articulated arms (9, 10; 36, 37; 48, 49), and the third (16, 44, 56) acts between the chair and the other articulated arm (9, 37, 48) coupled to the chair (2). A control device (20) controls the three adjustment mechanisms (16, 17, 18; 42, 43, 44; 54, 55, 56) in accordance with the desired change in the position of the chair. <IMAGE>

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Cited by
DE102011078469A1; EP1304793A3; DE19544545C1; US5992934A; US8128120B2; WO2007113395A1; WO9719666A3

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