

Title (en)
DENTAL PATIENT CHAIR

Title (de)
ZAHNARZTPATIENTENSTUHL

Title (fr)
FAUTEUIL DENTAIRE

Publication
EP 3165207 B1 20180926 (EN)

Application
EP 16197167 A 20161103

Priority
IT UB20154959 A 20151105

Abstract (en)
[origin: EP3165207A1] Patient chair (1) preferably for dentistry, comprising a lifting group comprising a base (4) on which a pantograph arm (5) is hinged, which is hinged on and shifts a turret (14), a moving group for relatively moving said seat (3), comprising an under seat (15) which is in its turn hinged to said turret (14) through two piston rods (6 and 7), wherein the reclining of the backrest (2) occurs according to an arc of a circle, said chair (1) having moreover a longitudinal compensation mechanism. According to the invention, said reclining and compensation movements are obtained thanks to the combination of an arc prismatic guide system for backrest reclining, dynamically combined with a four-bar linkage for moving the under seat (15) and seat (3), said four-bar linkage comprising said two piston rods (6 and 7), said turret (14) and an under seat (15) which links said seat (3) to said turret (14) and said movements are obtained through an actuator only.

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Cited by
CN109276402A; WO2023208286A1

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