

Title (en)
DENTAL CHAIR

Publication
EP 0088956 B1 19860625 (DE)

Application
EP 83102086 A 19830303

Priority
DE 3209773 A 19820317

Abstract (en)
[origin: US4505514A] A dental chair having a support frame, a seat with a seat frame, a back rest pivotally connected to the seat and a displacement device for moving the seat frame on the support frame with tilting of the seat and an arrangement for controlling the inclination of the back rest, characterized by the pivotal connection between the seat comprising a separate pivoting bearing on each side having a pivot axis approximately in the area of the hip joint of a person sitting in the chair and the arrangement for controlling the inclination of the back rest comprising a one-piece member having two lever arms being pivotally connected on the side of the seat frame with one of the lever arms having a roller riding on the track on the support frame and the other lever arm being connected to a projection of a part of the pivoting bearing which is attached to the seat rest so that as the seat frame is moved between positions, the roller moving on the track enables the back to change its degree of inclination to the seat. The chair also includes an arrangement for tilting the seat which includes at least one pair of guide members which are inclined to each other by approximately 160 DEG and are mounted in the seat frame, which guide members receive sleeves that are pivotally connected to the support frame.

IPC 1-7
A61G 15/00

IPC 8 full level
A61G 15/04 (2006.01); **A61G 9/00** (2006.01); **A61G 15/00** (2006.01); **A61G 15/02** (2006.01)

CPC (source: EP US)
A61G 15/02 (2013.01 - EP US)

Cited by
CN105380769A; CN105380768A

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0088956 A2 19830921; EP 0088956 A3 19840502; EP 0088956 B1 19860625; DE 3209773 A1 19830922; DE 3364237 D1 19860731; JP H0246218 B2 19901015; JP S58169449 A 19831005; US 4505514 A 19850319

DOCDB simple family (application)
EP 83102086 A 19830303; DE 3209773 A 19820317; DE 3364237 T 19830303; JP 4401283 A 19830316; US 47000383 A 19830225