

Title (en)

Dental chair with tilting backrest.

Title (de)

Zahnärztlicher Patientenstuhl mit schwenkbarer Rückenlehne.

Title (fr)

Chaîne dentaire avec dossier basculant.

Publication

EP 0517934 B1 19950329 (DE)

Application

EP 91109501 A 19910610

Priority

EP 91109501 A 19910610

Abstract (en)

[origin: EP0517934A1] The pivoted backrest is supported at an angle to the seat (1) via a carrier (25), also allowing the backrest to move backwards and forwards relative to the seat (1). Both the seat (1) and the carrier (25) has a curved surface with a cooperating guide (37,41) allowing the backrest to move inwards towards the seat (1) as it is pivoted backwards and to move away from the seat (1) as it is pivoted forwards, with the pivot about which the backrest is pivoted moving in an open spiral curve. The carrier cam pivots as it is linked via a lead screw (39) with a motor drive comprising four motors (16-19) electronically controlled (20) in dependence on the actuation of individual. Keys (21-23) or programmed keys (P1-P3) located in the chair armrest.

IPC 1-7

A61G 15/02; **A47C 1/024**

IPC 8 full level

A61G 15/04 (2006.01); **A47C 1/024** (2006.01); **A61G 15/02** (2006.01)

CPC (source: EP US)

A47C 1/0242 (2013.01 - EP US); **A61G 15/02** (2013.01 - EP US)

Cited by

EP0801913A1; WO9321887A3

Designated contracting state (EPC)

DE DK FR IT SE

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EP 0517934 A1 19921216; **EP 0517934 B1 19950329**; DE 59105058 D1 19950504; DK 0517934 T3 19950821; JP 2600697 Y2 19991018; JP H0556127 U 19930727; US 5348375 A 19940920

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EP 91109501 A 19910610; DE 59105058 T 19910610; DK 91109501 T 19910610; JP 4608292 U 19920608; US 89080992 A 19920601