

Title (en)  
DENTAL PATIENT CHAIR

Title (de)  
ZAHNARZTPATIENTENSTUHL

Title (fr)  
FAUTEUIL DENTAIRE

Publication  
**EP 3108867 B1 20181205 (EN)**

Application  
**EP 16175492 A 20160621**

Priority  
IT UB20151600 A 20150623

Abstract (en)  
[origin: EP3108867A1] Mechanism for moving reclining chairs (1), preferably dental patient chairs, comprising a backrest (2) and a seat (3) moving relative to each other, and wherein said backrest is supported by an oscillating mechanism, further comprising: - at least a cam (14) having a pre-set curvilinear contour; said cam supports said seat and is at least oscillating around an axis substantially corresponding to an oscillating axis of the seat; - at least a carriage, a slide or similar elements (12); - at least a leading hole (11) for said carriage (12); characterized in that said leading hole (11) extends substantially in the direction of the contour of said cam, and said carriage (12) has cooperating means with the contour of said cam (14), while said carriage (12) is slidingly actuated by the oscillating mechanism of the backrest, so that when said carriage (12) slides inside said leading hole (11) thanks to an actuating system, said carriage (12), interfering with cam's (14) contour, commands at least an oscillatory movement controlled by the contour of the cam (14) itself.

IPC 8 full level  
**A47C 1/032** (2006.01); **A61G 15/02** (2006.01); **A61G 15/12** (2006.01)

CPC (source: CN EP)  
**A61G 15/02** (2013.01 - CN EP); **A61G 15/10** (2013.01 - CN); **A61G 15/12** (2013.01 - EP)

Citation (examination)  
DE 202011109649 U1 20120314 - SIRONA DENTAL SYSTEMS GMBH [DE]

Cited by  
EP3643285A1; IT201800009691A1; CN111329711A; US10959900B2

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