

Title (en)  
A structure of an improved chair

Title (de)  
Struktur eines verbesserten Stuhles

Title (fr)  
Structure d'une chaise améliorée

Publication  
**EP 1541059 A1 20050615 (EN)**

Application  
**EP 03028255 A 20031209**

Priority  
• EP 03028255 A 20031209  
• US 74710003 A 20031230

Abstract (en)  
A structure of an improved chair, comprising: one chair (1), one set of edge-bars (2) of the chair-back, one set of edge-bars (2) of the chair-seat and two metal-plates (3); the chair composed of tube or prism as the principal holder has a configuration having a chair-seat section and a chair-back section, wherein the present invention use edge-bars each having an extended part (22) and a principal part (21), the edge-bar is die-cast, there is a U-shape fixing slit (23) between the extended part and the principal part, and the extended has several holes (24), and after the fit-rim (31) of the metal-plate is fitted into the U-shape fixing slit, the edge-bars and the metal-plate can be welded or riveted at the several holes of the extended part into a unified connector, which is unable to be dismantled, and thus provides a structure of a chair which two metal-plates can be fast fixed on the chair-seat and the chair-back. <IMAGE>

IPC 1-7  
**A47C 5/06**; **A47C 7/16**; B23K 33/00

IPC 8 full level  
**A47C 5/06** (2006.01); **A47C 7/16** (2006.01)

CPC (source: EP US)  
**A47C 5/06** (2013.01 - EP US); **A47C 7/16** (2013.01 - EP US); **A47C 31/023** (2013.01 - EP US)

Citation (search report)  
• [A] DE 29800168 U1 19980409 - ERLAU AG EISEN DRAHTWERK [DE]  
• [A] US 4522444 A 19850611 - POLLOCK CHARLES [US]  
• [A] US 4062590 A 19771213 - POLSKY NORMAN, et al  
• [A] US 1996479 A 19350402 - MCCOWAN DAVID A

Cited by  
CN103801672A; EP3248509B1

Designated contracting state (EPC)  
BE DE FR IT NL

DOCDB simple family (publication)  
**EP 1541059 A1 20050615**; US 2005146193 A1 20050707

DOCDB simple family (application)  
**EP 03028255 A 20031209**; US 74710003 A 20031230