

Title (en)
Supporting frame for a furniture

Title (de)
Stützrahmen für ein Möbel

Title (fr)
Cadre de support pour un meuble

Publication
EP 1374726 A1 20040102 (DE)

Application
EP 03014148 A 20030624

Priority
DE 20210045 U 20020629

Abstract (en)
The chair (10) is assembled of four legs (12), the rear legs extending to the top and forming the vertical elements (13) of the back part, the horizontal element (14) of the back part, and a frame (11) made of four specifically bent parts (16, 17). The two lateral parts (16) are u-shaped, open to the sides and provided with an insertion pin (18) at both ends. The front, the rear part (17) respectively is also provided with an insertion pin (18) at both ends and u-shaped but its ends are bent a second time in order to be parallel positioned to the outer ends of the side parts (16) when joined. The pins (18) are inserted into openings (19) located at the inner side of the legs (12, 15) and fixed with a glue. The frame (11) is ideally made of plywood or of aluminum bars.

Abstract (de)
Der Stützrahmen weist zwei Typen von Zargen (16,17) auf. Die eine Zarge (16) hat U-förmige Gestalt mit Biegungen (20). Die andere Zarge (17) hat Biegungen (21), die sich von außen an die Biegungen (20) der ersten Zarge anschmiegen und eine daran anschließende gegensinnige Biegung (22). Aufgrund der Biegungen hat der Stützrahmen eine große Stabilität und Formsteifigkeit. Er besteht vorzugsweise aus Schichtholz. Eckverbinder werden nicht benötigt. <IMAGE>

IPC 1-7
A47B 13/02; A47C 7/00

IPC 8 full level
A47C 5/14 (2006.01)

CPC (source: EP)
A47C 5/14 (2013.01)

Citation (search report)

- [A] US 4676552 A 19870630 - HILLER ROLF [DE]
- [A] FR 1300834 A 19620810
- [A] DE 8716490 U1 19880218
- [A] US 5785287 A 19980728 - HOSHINO YOSHIHIRO [JP]
- [AD] EP 0671139 A1 19950913 - HEINRICH SPAHN GMBH & CO KG SI [DE]

Designated contracting state (EPC)
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EP 1374726 A1 20040102; EP 1374726 B1 20050928; AT E305249 T1 20051015; DE 20210045 U1 20020905; DE 50301243 D1 20060209

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