Title (en)

FURNITURES IN THE SHAPE OF A CUPBOARD OR A SHELF WITH A FIXING LEG SHOWING STRING SECTIONS AS JOINTING ELEMENTS OF SIDE WALLS AND BACK WALLS

Publication

EP 0423596 B1 19930428 (DE)

Application

EP 90119320 A 19901009

Priority

DE 3934609 A 19891017

Abstract (en)

[origin: EP0423596A1] In the case of furniture in the form of a cupboard or shelf, side walls and a rear wall are each joined to their vertical longitudinal edge via an extruded section having fixing legs (3a, 3b and 4a, 4b) arranged in pairs coming out of a centre piece and at least one linearly deformable hinge area (2). The side walls and the rear wall are arranged between the fixing legs. In order to enable the unit to be largely pre-assembled and to guarantee defined angles of pivot of up to 270 DEG , the following means are provided: a) a single linear hinge area (2) is arranged in the centre piece (M), b) support pieces (3c, 4c), each with a prismatic cross-section, are provided on either side of the hinge area (2), c) the fixing legs (3a, 3b; 4a, 4b) exhibit non-hinged ribs (7) at their free ends, which are directed towards one another and are locked into complementary grooves in the side walls and in the rear wall, d) the first and second level side faces (3d, 4d) of each support piece (3c, 4c) are in alignment with the hinge area (2), e) in which arrangement when the anchoring parts (3, 4) are extended the first side faces (3d, 4d) are also extended (180 DEG angle), whilst the second side faces (3e, 4e) enclose the prescribed angle of pivot between them, f) and the second side faces (3e, 4e) are provided with mutually complementary interlocking elements (3f, 4f). <IMAGE>

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F16B 12/02; F16B 12/44

IPC 8 full level

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CPC (source: EP)

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Cited by

GB2571784A; EP0943266A1; BE1024186B1; AT523846A4; AT523846B1; EP1671562A1; WO2018029438A1; WO9410463A1; US10293512B2; CN113194788A; EP3897296A4; US9719542B2; US10982700B2; US12000418B2; US9695856B2; US9797427B2; US10323670B2; US10731689B2; US10935063B2; US11085475B2; US11319977B2; US11788568B2

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