

Title (en)

Piece of furniture made of foldable material, in particular paperboard, used as a stable and load-resisting support.

Title (de)

Insbesondere Ablagezwecken dienendes tragfähiges und standfestes, insbesondere vertikal belastbares Möbelstück aus faltbarem Material, insbesondere Wellpappe.

Title (fr)

Meuble réalisé en matériau pliant, en particulier carton, servant de support résistant et stable.

Publication

EP 0222130 A2 19870520 (DE)

Application

EP 86113420 A 19860930

Priority

DE 8528912 U 19851008

Abstract (en)

1. Stable piece of furniture of foldable material, in particular corrugated cardboard, which furniture piece is portative and serves especially storage purposes, is particularly vertically loadable, and is capable of being assembled from a plurality of structural elements, which can be fitted with each other positively and, if necessary, non-positively, at least a part of said elements being erectable from flat, scored material blanks in the manner of a box element, open at least on the front side and provided at least with two side walls and, if necessary, with a rear wall, and having connecting parts, such as straps, tabs, projections, recesses, cutouts or the like, for the purpose of joining or locking said elements either to or into each other, at least one bracket or panel element being insertable into the box element and held therein through positive and/or non-positive engagement via corresponding connecting parts, characterised in that the structural elements (2) are provided, at least in partial areas, as multi-layer-formed supporting components (3) such as posts (31), multiple walls (33), support webs (32) or the like, profiled through folding (5), creasing, wrapping or the like, on which supporting components connecting parts (4) are formed integrally therewith, and that frontally visible edges or margins of the structural elements are formed free of section faces by means of such foldings or scorings.

Abstract (de)

Ein aus einem flachen, gefalteten Wellpappezuschnitt (6) auffaltbares kastenförmiges Bauelement dient dem Aufbau eines Wellpappe-Regals aus mehreren solcher formschlüssig ineinandersetzbaren Bauelemente, die jeweils zwei Seitenwände (61) und eine Rückwand (62) sowie Verbindungselemente (41, 44) aufweisen. In diesen Kasten ist eine Wellpappe-Konsole (7) einsetzbar. Um solche Bauelemente sowohl hinsichtlich ihrer Belastbarkeit als auch ihrer Montage- und Einsatzfähigkeit sowie ihres Aussehens zu verbessern, sind mehrlagig ausgebildete Tragteile (3) wie Pfosten (31) und/oder Stützstege (32) vorgesehen, an denen die Verbindungsteile (41, 42, 44) ausgebildet sind. Frontseitige Sichtkanten der Bauelemente sind durch entsprechende Faltungen (5, 51) des Zuschnitts schnittflächenfrei.

IPC 1-7

A47B 43/00

IPC 8 full level

A47B 43/00 (2006.01); **A47B 43/02** (2006.01)

CPC (source: EP)

A47B 43/02 (2013.01); **A47B 2220/0086** (2013.01)

Cited by

DE102014012545A1; US5662399A; DE102004040603A1; DE202018004907U1; US2015114920A1; US9345345B2; GB2509106A; US10024495B2; FR2812526A1; US2010127604A1; US8444232B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0222130 A2 19870520; EP 0222130 A3 19870916; EP 0222130 B1 19900919; AT E56597 T1 19901015; DE 3674338 D1 19901025; DE 8528912 U1 19860130; DK 475986 A 19870409; DK 475986 D0 19861006

DOCDB simple family (application)

EP 86113420 A 19860930; AT 86113420 T 19860930; DE 3674338 T 19860930; DE 8528912 U 19851008; DK 475986 A 19861006