

## Title (en)

Construction set for individually putting together furniture units such as show cases, selling counters, exhibition furniture or the like.

## Title (de)

Bausatz für individuell gestaltbare Möbelgestelle, wie Schauvittrinen, Verkaufstheken, Messemobiliar od. dgl.

## Title (fr)

Ensemble de construction pour cadre de meuble réalisable individuellement tel que des vitrines de présentation, comptoirs de vente, mobilier d'exposition ou similaire.

## Publication

**EP 0178598 A1 19860423 (DE)**

## Application

**EP 85112888 A 19851011**

## Priority

DE 3438364 A 19841019

## Abstract (en)

1. Assembly kit for individually designable furniture frames (50, 91, 94, 103, 167), such as glass display cases, sales counters, exhibition furniture or similar, consisting of the following components which are detachably connectable with one another, namely of a combination rod (10, 10') divided longitudinally, combinable out of two rails complementing each other in terms of their profile section, which determines the edge areas of the furniture frame, which comprises both a loadbearing rail (20) extending over the full dimension (47) of the furniture frame (50), with a main profile section (21) facing towards the outside of the furniture frame (50), and a covering rail (30; 30'; 33) composed of part lengths (62, 62'; 94) with gaps between them, with a complementary profile section (31, 31', 36) facing towards the inner face of the furniture frame (50; 93), of wall panels (11; 11') insertable by their edge areas into grooves (12; 12'), in particular of glass, and of shelf panels (14, 14', 14'') for dividing the furniture frame into compartments (50; 93), whereby the part lengths (62, 62'; 94) of the covering rail (30; 30'; 33) form columns for the retention of the shelf panels (14, 14', 14'') in the furniture frame (50; 93), wherein the loadbearing rail (20, 20') itself is fitted with continuous longitudinal grooves (12, 12') which (12, 12') serve for the insertion of the wall panels (11; 11') and which (12, 12') divide the loadbearing rail's main section (21; 21') on the one face into a smooth profile sectional face (22) and on the other face into profile sectional flaps (25, 25') creating an enlargement (15) of the groove (12, 12'), pressure strips (16) are arranged in the groove enlargement (15) and the profile sectional flaps (25; 25') are fitted all the way through with threaded borings (27) for the acceptance of pressure screws (16) which (16) can be screwed in from the inner face of the furniture frame (50; 93) abutting thereby onto the movable pressure strips (16) in the groove enlargement (15), and the part lengths (62, 62'; 94) of the covering rail (30; 30'; 33) have an angular shaped complementary profile section (angular section 31, 31', 36) with profile section projections (32, 32', 37) on the face of the edges, are coupable by means of their profile sectional projections (32, 32', 37) onto the sectional flaps (25, 25') of the loadbearing rail's main profile section (21, 21'), cover the pressure screws (16) seated in the sectional flaps (25, 25') of the loadbearing rail (20, 20') with their angular section (31, 31', 36) and form a longitudinal duct (70) together with the sectional flaps (25, 25'), and come into direct contact by means of the head-ends (63, 65; 63', 65'; 95, 97) of their angular section (31, 31', 36) with the shelf panels (14, 14', 14'') lying respectively between them.

## Abstract (de)

Bei einem Bausatz für Möbelgestelle werden als Bauteile in den Kantenbereichen des Möbelgestells anzuordnende Kombinationsstangen (10) mit Längsnuten (12, 12') für Wandplatten verwendet sowie Bodenplatten (14') zur Fachbildung im Möbelgestell benutzt. Dabei sind die Kombinationsstangen (10) in sich längsgeteilt und weisen zwei einander profilmäßig ergänzende Schienen auf. Für eine schnelle, bequeme und stabile Erstellung von Möbelgestellen wird vorgeschlagen, die Kombinationsstange (10) aus einer über die volle Dimension des Möbelgestells verlaufende Klemm-Mittel in den Längsnuten (12, 12') zu verwenden, wo Wandplatten fest eingespannt werden. Diese Tragschienen (20) sind der Außenseite des Möbelgestells zugekehrt. Außerdem werden Abschnitte von Deckschienen (30) verwendet, die jeweils im Höhenbereich zwischen zwei benachbarten Bodenplatten (14') verlaufen und auf der Innenseite des Möbelgestells angeordnet sind. Diese Deckschienen-Abschnitte (30) dienen dabei als Stützen für die Bodenplatten im Möbelgestell und liegen mit ihren Stirnenden an den Flächenseiten der angrenzenden Bodenplatten.

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- [Y] DE 1286721 B 19690109 - KEWLEY HENRY GEORGE
- [Y] DE 1237287 B 19670323 - GARTNER & CO J
- [Y] CH 159278 A 19321231 - WILD WALTER [CH]
- [A] FR 2262938 A1 19751003 - REHAU PLASTIKS [DE]
- [A] DE 7226288 U

## Cited by

EP1670107A1; EP0255860A3; CN111202388A; US6843025B2; EP1223350A3; KR20210065904A; NL1026915C2; BE1016737A4; CN112660548A; WO9003134A1

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