

Title (en)
ASSEMBLY PLATE FOR FURNITURE HINGES.

Title (de)
MONTAGEPLATTE FÜR MÖBELSCHARNIERE.

Title (fr)
PLAQUE DE MONTAGE DE CHARNIERES DE MEUBLES.

Publication
EP 0346447 A1 19891220 (DE)

Application
EP 89901484 A 19881117

Priority
• DE 3741686 A 19871209
• DE 3803830 A 19880209
• DE 3818649 A 19880601

Abstract (en)
[origin: US5085491A] PCT No. PCT/EP88/01044 Sec. 371 Date Jun. 29, 1990 Sec. 102(e) Date Jun. 29, 1990 PCT Filed Nov. 17, 1988 PCT Pub. No. WO89/05387 PCT Pub. Date Jun. 15, 1989. Mounting plate assembly (30) for the mounting of a hinge on a wall of a cabinet, which has two separable mounting plates (40; 42) which are superimposed on one another and can be snapped on and off from one another. The bottom mounting plate (40) which can be fastened to the wall of the cabinet has at its front end pointing away from the cabinet interior at least one hook projection (78) with which a hook recess (76) on the underside of the upper mounting plate is associated. The catch mechanism for the releasable joining of the two mounting plates (40; 42) has on the upper mounting plate (42) two parallel bows (64) which can be flexed [parallel?] to the cabinet wall, each having a catch section (74), the catch sections being matingly engaged each with an associated catch recess (80) in the bottom mounting plate (40). By exerting a contrarily directed pressure parallel to the cabinet wall the catch sections (74) can be brought out of engagement with the catch recess (80).

Abstract (de)
Montageplatte (30) für die korpusseitige Halterung eines Möbelscharniers, welche zwei voneinander trennbare, in Übereinanderlage ver- und entrastbare Montageplattenteile (40; 42) aufweist. Der auf der Tragwand des Möbelkorpus befestigbare untere Montageplattenteil (40) weist an seinem aus dem Korpusinnern herausweisenden Vorderende wenigstens einen Hakenvorsprung (78) auf, dem eine Hakenaufnahme (76) an der Unterseite des oberen Montageplattenteils (42) zugeordnet ist. Der Rastmechanismus zur lösbaren Verbindung der beiden Montageplattenteile (40; 42) weist am oberen Montageplattenteil (42) zwei parallele, zur Tragwand-Oberfläche verbiegbare Zungen (64) mit jeweils einem Rastabschnitt (74) auf, die mit jeweils einer zugeordneten Rastaufnahme (80) im unteren Montageplattenteil (40) formschlüssig verrastet sind. Durch Ausübung eines gegeneinander gerichteten, tragwandoberflächenparallelen Drucks sind die Rastabschnitte (74) aus der Rastaufnahme (80) außer Rasteingriff bringbar. Abstract An assembly plate (30) for attaching a furniture hinge to the body of a piece of furniture comprises two separable parts (40; 42) which can be mutually engaged and disengaged when superimposed. The lower part (40) of the assembly plate can be fastened to the support wall of the body of a piece of furniture and has at its front end, which extends outward from the interior of the body of the piece of furniture, at least one hook-like protuberance (78) corresponding to a hook-receiver (76) on the lower side of the upper part of the assembly plate (42). The catch mechanism for releasable connection of the two parts (40; 42) of the assembly plate comprises on the upper part (42) two parallel tongues (64) which can be bent toward the surface of the support wall, each one being provided with catch section (74) which interlocks with a corresponding catch receiver (80) in the lower part (40) of the assembly plate. The catch section (74) can be released from the catch receiver (80) by exerting a pressure in opposite directions on the two parts parallel to the surface of the support wall.

Abstract (fr)
Une plaque de montage (30) qui sert à fixer une charnière sur le corps d'un meuble comprend deux moitiés (40; 42) séparables qui peuvent s'enclencher mutuellement et se séparer lorsqu'elles sont superposées. La moitié inférieure (40) de la plaque de montage peut se fixer sur la paroi de support du corps du meuble et présente à son extrémité antérieure, qui fait saillie sur l'intérieur du corps du meuble, une protubérance en crochet (78) qui correspond à un logement (76) du crochet monté sous le côté inférieur de la moitié supérieure (42) de la plaque de montage. Le mécanisme d'encliquetage qui relie de manière detachable les deux moitiés (40; 42) de la plaque de montage comprend sur la moitié supérieure (42) deux languettes (64) parallèles repliables dans le sens de la paroi de support et pourvues chacune d'une section d'encliquetage (74) qui enclenche par crabotage un logement d'encliquetage (80) de la moitié inférieure (40) de la plaque de montage. On peut séparer la section d'encliquetage (74) du logement d'encliquetage (80) en exerçant une pression opposée sur les deux parties, parallèlement à la surface de la paroi de support.

IPC 1-7
E05D 5/02; E05D 7/12

IPC 8 full level
E05D 5/02 (2006.01); **E05D 7/02** (2006.01); **E05D 7/04** (2006.01); **E05D 7/12** (2006.01)

IPC 8 main group level
E05D (2006.01)

CPC (source: EP KR US)
E05D 5/02 (2013.01 - KR); **E05D 7/12** (2013.01 - KR); **E05D 7/125** (2013.01 - EP US); **E05Y 2600/53** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US); **Y10S 24/45** (2013.01 - US); **Y10T 24/45089** (2015.01 - EP US)

Citation (search report)
See references of WO 8905387A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
US 5085491 A 19920204; AT E87062 T1 19930415; AU 2935389 A 19890705; AU 612457 B2 19910711; DE 3803830 A1 19890622; DE 3803830 C2 19910214; DE 3818649 A1 19891214; DE 3818649 C2 19961128; DE 3879479 D1 19930422; DK 390089 A 19890809; DK 390089 D0 19890809; EP 0346447 A1 19891220; EP 0346447 B1 19930317; ES 2012889 A6 19900416; FI 893713 A0 19890807; FI 91308 B 19940228; FI 91308 C 19940610; GR 1000369 B 19920630; JP H01154986 A 19890616; JP H0660545 B2 19940810; KR 900700694 A 19900816; KR 960016475 B1 19961212; NO 167820 B 19910902; NO 167820 C 19911211; NO 893197 D0 19890808;

NO 893197 L 19891004; PT 89174 A 19890914; PT 89174 B 19940131; WO 8905387 A1 19890615; YU 223188 A 19900630;
YU 47939 B 19960724

DOCDB simple family (application)

US 39295590 A 19900729; AT 89901484 T 19881117; AU 2935389 A 19881117; DE 3803830 A 19880209; DE 3818649 A 19880601;
DE 3879479 T 19881117; DK 390089 A 19890809; EP 8801044 W 19881117; EP 89901484 A 19881117; ES 8803734 A 19881209;
FI 893713 A 19890807; GR 880100812 A 19881201; JP 12605288 A 19880525; KR 890701463 A 19890804; NO 893197 A 19890808;
PT 8917488 A 19881207; YU 223188 A 19881209