

Title (en)

Hinge connecting a glass pane to a panel.

Title (de)

Scharnierverbindung zwischen einer Glasscheibe und einer Wand.

Title (fr)

Charnière reliant une vitre à une paroi.

Publication

EP 0037097 A1 19811007 (DE)

Application

EP 81102328 A 19810327

Priority

DE 8008437 U 19800327

Abstract (en)

1. Hinged connection between a glass plate (5) and a wall, for example a cupboard wall, in which connection the hinge is composed of two basic pieces (1, 2) which are interconnected in an articulated manner, one (1) of these basic pieces being capable of being inserted into a shoe (4) in order to make the connection to the glass plate (5), this shoe being fastened inside an incised recess (8) which extends up to the edge (26) of the glass plate (5), and possessing two oppositely-located internal grooves (9, 10) for the purpose of receiving the basic piece (1), these grooves running longitudinally, characterized in that - the incised recess (8) possesses a trapezoidal cross-section, resembling a swallow-tail, which is open only towards one (20) of the surfaces (20, 21) of the glass plate (5), and in that its sidewalls (22, 23) diverge at its inner end (11), at least on one side, in order to form a widened area (24) which is preferably circular in shape, and - in that the shoe (4) is provided on its closed side (11), with an enlargement (25) which corresponds to the widened area (24), and possesses, in the region of the portion (12) which has not been widened, a trapezoidal cross-section which corresponds to the trapezoidal shape of the incised recess (8).

Abstract (de)

Eines (1) der beiden Basisstücke (1,2) des Scharniers ist in einen Schuh (4) einsetzbar, der in einem Einschnitt (8) befestigt ist und Innennuten (9,10) zur Aufnahme des Basisstückes (1) aufweist. Der Einschnitt (8) hat einen schwalbenschwanzartigen Querschnitt, dessen Seitenwände (22,23) zu einer Erweiterung (24) auseinandertreten. Der Schuh (4) weist eine der Querschnittsform des Einschnittes (8) entsprechende Querschnittsform auf.

IPC 1-7

E05D 5/02; **E05D 7/12**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- GB 1453228 A 19761020 - BLUM GMBH JULIUS
- US 3524216 A 19700818 - FERNANDEZ ARTHUR, et al
- DE 2516397 A1 19761028 - LAUTENSCHLAEGER KG KARL
- FR 2073814 A5 19711001 - GRORUD JERNVAREFABRIK

Cited by

DE8703227U1; EP0487821A1; GB2222938A; US4919486A; GB2222938B; EP0778168A1; FR2742099A1; US5809706A; EP1063111A3; USRE41502E

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