

## Title (en)

PROFILE MEMBER WITH A T OR DOVETAIL SHAPED GROOVE FORMED BY RIBS AND AT LEAST ONE HINGE FIXED IN THIS GROOVE

## Publication

**EP 0176650 A3 19861008 (DE)**

## Application

**EP 84810553 A 19841114**

## Priority

CH 443584 A 19840917

## Abstract (en)

[origin: EP0176650A2] The hinge (6, 7) has a hinge part (6a, 7a), an extension (6c, 7c) and an intermediate piece (6b, 7b) connecting these two parts. The intermediate piece (6b, 7b) is situated in a gap of the one rib (4) which delimits the groove, the extension itself (6c) is mounted in the groove. The said extension has a cross-section which corresponds to the cross-section of the groove and is provided at its free end along the side facing away from the intermediate piece (6b, 7b) with a delimitation surface (6d) which extends over more than half its length, forms with the groove direction an angle of approximately 10 DEG and is perpendicular to the groove base (3). Provided diagonally opposite this surface is a corresponding recess or bevelling (6e). As a result, the hinge can be swivelled through an angle of 10 DEG in a plane parallel to the groove base (3) and then removed from the groove. Such a hinge can be produced very simply and be inserted in the groove extremely simply, in which case if two hinges whose hinge part is connected by an axle are present, no further securing means are then required. Otherwise, securing means (8, 9) can be attached in order to prevent an intentional or an unintentional swivelling of the hinges in the aforesaid plane. <IMAGE>

## IPC 1-7

**E05D 5/02**

## IPC 8 full level

**E05D 5/02** (2006.01)

## CPC (source: EP)

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- [AD] CH 541058 A 19730831 - KOLLER METALLBAU AG [CH]
- [A] DE 2516264 A1 19761028 - SIEGENIA FRANK KG
- [A] FR 2292836 A1 19760625 - FRANK GMBH WILH [DE]
- [A] GB 739425 A 19551026 - CHARLES WILLIAM ATTWOOD

## Cited by

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