

Title (en)

Screw-on hinge for profiles with undercut grooves

Title (de)

Anschraubscharnier für hinterschnittene Nuten aufweisende Profile

Title (fr)

Charnière à montage par vissage pour des profilés avec rainure à contre-dépouille

Publication

EP 0869248 B1 20040818 (DE)

Application

EP 98101436 A 19980128

Priority

DE 29705977 U 19970404

Abstract (en)

[origin: EP0869248A2] The hinge comprises halves (24,26) containing undercut grooves (16), and which are coupled together via a pin (28). Fixing screws (32) engage in profiled blocks (34) inserted in the grooves. Each hinge half has preferably only a single opening for a screw, together with a recess for a fixing component (62) through which the screw passes. A protrusion (64) on the component extends into the groove (16). There can be two such protrusions 180 degrees apart. At the screw opening, there can be a recess accommodating the rib (66) on which the protrusion is mounted. The width of the protrusions can be roughly equal to that of the profiled grooves.

IPC 1-7

E05D 5/02; E06B 1/52

IPC 8 full level

E05D 5/02 (2006.01); **E06B 1/52** (2006.01)

CPC (source: EP)

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DE FR GB

DOCDB simple family (publication)

EP 0869248 A2 19981007; **EP 0869248 A3 20010704**; **EP 0869248 B1 20040818**; DE 29705977 U1 19981008; DE 59811813 D1 20040923

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