

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 A3 20010704 (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)

E05D 5/0238 (2013.01)

Citation (search report)

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EP1635075A3; CN111441677A

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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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