

Title (en)

Hinge having tamper-proof hinge pin.

Title (de)

Scharnier mit einbruchsischerem Zapfen.

Title (fr)

Charnière avec goupille de charnière inviolable.

Publication

**EP 0596603 A1 19940511 (EN)**

Application

**EP 93307927 A 19931006**

Priority

ZA 927670 A 19921006

Abstract (en)

A hinge assembly for mounting a door (2) to a door frame or other support is provided in which the hinge pin (5) may be installed after the door and frame have been separately finished off, without disturbing the surface finish and yet in tamper proof manner. The hinge pin (5) passes only part way through one outer flange (4) or journal and has a fastener (13) of smaller diameter extending, generally co-axially, the rest of the way through the flange or journal. The fastener (13) is secured in position in tamper proof manner by swaging a ferrule (14) permanently onto the fastener which has retaining formations on its outer surface. <IMAGE> <IMAGE>

IPC 1-7

**E05D 5/12**

IPC 8 full level

**E05D 5/12** (2006.01)

CPC (source: EP)

**E05D 5/12** (2013.01); **E05D 5/121** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- [A] EP 0226046 A1 19870624 - SULBERG CARL GMBH & CO [DE]
- [A] US 2780830 A 19570212 - KAMMERER JR ARCHER W
- [A] US 2754703 A 19560717 - HUCK LOUIS C
- [A] GB 2204635 A 19881116 - IHW ENG LTD
- [A] FR 1369502 A 19640814 - RAYMOND A

Designated contracting state (EPC)

BE DE DK ES FR GB GR IE IT NL PT SE

DOCDB simple family (publication)

**EP 0596603 A1 19940511**; ZA 935152 B 19940209

DOCDB simple family (application)

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