

Title (en)
Fitting for fixing of swinging doors

Title (de)
Beschlag zur Befestigung von Schwenktüren

Title (fr)
Ferrure pour fixation de portes pivotantes

Publication
EP 1452116 B1 20050629 (DE)

Application
EP 03015701 A 20030709

Priority
DE 20303059 U 20030225

Abstract (en)
[origin: EP1452116A1] A cross-bore (7) for receiving a pin (6) is provided in the bottom of a blind-drilled hole (4) in the wall bracket (1). The lower face of the hinge bolt in contact with the pin contains a cavity with a profile corresponding to the diameter or surface configuration of the pin and this cavity receives the pin when the door is lowered and the hinge bolt is rotated about its length axis (5) in the lowered, closed position of the door. The pin is released from this cavity by swinging the door to rotate the bolt through an angle into an open position. This angle, which corresponds to the extended opening width of the door is adjustable. The door part of the hinge for the wall bracket contains a bore for receiving the bolt head and the position of the bore relative to the bolt surface can be altered using screws. The fitting includes a movable door part and a fixed wall or door frame part. Upper and lower wall brackets in contact with the door each contain a blind-drilled hole on the door pivot axis to enable the door to be lifted and lowered into place when being hung.

IPC 1-7
A47K 3/36; E05D 11/10; E05D 5/02

IPC 8 full level
A47K 3/36 (2006.01); **E05D 5/02** (2006.01); **E05D 11/10** (2006.01); **E05D 5/10** (2006.01)

CPC (source: EP)
A47K 3/362 (2013.01); **E05D 5/0246** (2013.01); **E05D 7/081** (2013.01); **E05D 11/1014** (2013.01); **A47K 2003/367** (2013.01); **E05D 5/10** (2013.01); **E05D 11/1078** (2013.01); **E05D 2005/106** (2013.01); **E05D 2007/0461** (2013.01); **E05D 2011/1092** (2013.01); **E05Y 2800/672** (2013.01); **E05Y 2900/114** (2013.01)

Cited by
CN107905660A

Designated contracting state (EPC)
AT CH DE GB LI

DOCDB simple family (publication)
EP 1452116 A1 20040901; **EP 1452116 B1 20050629**; AT E298521 T1 20050715; DE 20303059 U1 20030424; DE 50300702 D1 20050804

DOCDB simple family (application)
EP 03015701 A 20030709; AT 03015701 T 20030709; DE 20303059 U 20030225; DE 50300702 T 20030709