

Title (en)
ADJUSTABLE DOOR HINGE

Title (de)
VERSTELLBARES TÜRSCHARNIER

Title (fr)
CHARNIERE DE PORTE REGLABLE

Publication
EP 1828515 A4 20090311 (EN)

Application
EP 04812989 A 20041202

Priority
US 2004040584 W 20041202

Abstract (en)
[origin: WO2006060018A1] A door hinge providing lateral and horizontal adjustment of an engaged door with a door frame. The hinge features a base (10) for fixed engagement to a frame and a door leaf (40) for engagement to a door. The hinge pin (30) features a top end rotationally engageable with the door leaf and a bottom end eccentrically mated to a bottom end and rotationally engageable with an eccentric bushing (20) in the base. Rotation of the hinge pin translates the door leaf toward and away from the base a first distance. Rotation of the bushing translates the door leaf toward and away from the base a second distance. An adjustment bolt (50) engaged in the door leaf provides for vertical adjustment of the door leaf toward and away from the base.

IPC 8 full level
E05D 7/00 (2006.01); **E05D 11/00** (2006.01)

CPC (source: EP)
E05D 7/0027 (2013.01); **E05D 7/0054** (2013.01); **E05D 11/0054** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XY] US 6397432 B1 20020604 - DI VINADIO AIMONE BALBO [IT]
- [Y] EP 0824177 A2 19980218 - HAHN GMBH & CO KG DR [DE]
- [Y] WO 9841720 A1 19980924 - SAVIO SPA [IT]
- See references of WO 2006060018A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006060018 A1 20060608; AT E546602 T1 20120315; EP 1828515 A1 20070905; EP 1828515 A4 20090311; EP 1828515 B1 20120222

DOCDB simple family (application)
US 2004040584 W 20041202; AT 04812989 T 20041202; EP 04812989 A 20041202