

Title (en)  
ADJUSTABLE DOOR HINGE

Title (de)  
VERSTELLBARES TÜRSCHARNIER

Title (fr)  
CHARNIERE REGLABLE POUR PORTES

Publication  
**EP 1828515 B1 20120222 (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)

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