

Title (en)
An adjustable door hinge

Title (de)
Charnière de porte réglable

Title (fr)
Verstellbares Türscharnier

Publication
EP 1640538 A1 20060329 (EN)

Application
EP 05018668 A 20050829

Priority
IT BO20040578 A 20040917

Abstract (en)
An adjustable door hinge comprises at least: a first body and a second body (2, 3) having respective securing flaps (4, 5) for attachment to a fixed frame and mobile frame, respectively; a hinge pin (6) which has a central axis and which can be partly inserted into respective holes (9, 10) made in the hinge bodies (2, 3); a first and second bush (7, 8) positioned between respective portions of the pin (6) and the corresponding holes (9, 10) in the first and second hinge bodies (2, 3); means (11) for adjusting the hinge in a longitudinal axis (Z) of the pin (6), located on either the first or the second hinge body (2, 3) and designed to vary the relative axial distance (H) between the first hinge body (2) and the second hinge body (3); the means (11) for adjusting the relative axial distance (H) are associated with the respective first or second bush (7, 8) located inside the first or second hinge body (2, 3) and act directly on the inside end of the pin (6) portion.

IPC 8 full level
E05D 7/00 (2006.01)

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

Citation (applicant)
• IT 1221237 B 19900621 - GIESSE SPA [IT]
• EP 0992647 A2 20000412 - GIESSE SPA [IT]

Citation (search report)
• [DXAY] EP 0992647 A2 20000412 - GIESSE SPA [IT]
• [YA] EP 0387207 A1 19900912 - FAPIM SNC [IT]
• [YA] EP 1455042 A1 20040908 - MASTER SRL [IT]

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1640538 A1 20060329; EP 1640538 B1 20100526; AT E469284 T1 20100615; DE 602005021441 D1 20100708;
IT BO20040578 A1 20041217; RU 2005128758 A 20070327; RU 2367757 C2 20090920

DOCDB simple family (application)
EP 05018668 A 20050829; AT 05018668 T 20050829; DE 602005021441 T 20050829; IT BO20040578 A 20040917;
RU 2005128758 A 20050916