

Title (en)

An adjustable hinge for doors and windows.

Title (de)

Verstellbares Scharnier für Türen und Fenster

Title (fr)

Charnière réglable pour portes et fenêtres

Publication

EP 1672155 B1 20101027 (EN)

Application

EP 05111804 A 20051207

Priority

IT BO20040781 A 20041217

Abstract (en)

[origin: EP1672155A1] An adjustable hinge for doors and windows comprises a first hinge body (2) with first housings (3) for accommodating first means (4) for fastening to a fixed door or window frame; a second hinge body (5) with second housings (6) for accommodating second means (7) for fastening to a mobile door or window frame; and a hinge pin (8) that can be inserted into respective holes (9, 10) made in the two hinge bodies (2, 5). The hinge (1) is also characterised by: the pin (8) having a second portion (8b), housed in the second, upper hinge body (5), that is offset from a first portion (8a) housed in the first hinge body (2); a bush (11) positioned between the hole (10) in the second hinge body (5) and the respective second portion (8b) of the pin (8) housed in it; means (12) formed on the pin (8) and acting between the second portion (8b) and the second hinge body (5) in such a way as to adjust the second hinge body (5) relative to the first hinge body (2) in a first axis (X) and a second axis (Y); actuating means (13) positioned on the first hinge body (2), acting on the first portion (8a) of the pin (8), and designed to release the adjustment means (12) so that the pin (8) can be moved and thus adjusted and to lock the adjustment means (12) so that the pin (8) is held in the new position it has been adjusted to.

IPC 8 full level

E05D 7/00 (2006.01)

CPC (source: EP)

E05D 5/023 (2013.01); **E05D 5/06** (2013.01); **E05D 7/0054** (2013.01); **E05D 2005/106** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Cited by

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