

Title (en)

Device for stabilising the closure of folding door wings

Title (de)

Vorrichtung zur Stabilisierung des Verschlusses von Falttürflügeln

Title (fr)

Dispositif pour stabiliser la fermeture des volets des portes pliantes

Publication

EP 0807739 A3 19990407 (EN)

Application

EP 97830203 A 19970430

Priority

IT BO960270 A 19960515

Abstract (en)

[origin: EP0807739A2] A device for stabilising the closure of wings (1,2) of folding doors (8) comprising a rectilinear rod (34), attached to the top crosspiece (6) of the closing wing (1), able to guide a slider (35), elastically constrained to the rod (34) by elastic means (33), in such a way that, with the wings coplanar, a torque (M) is created around the axis of rotation (r) of the articulated joint (4) coupling the wings (1,2) sufficient to maintain the wings(1,2) perfectly coplanar by the restraining reaction deriving from the action of the second end of the slider (35) on the upright (7) of the jamb or on a limit stop (10) of a groove (11) guiding a pin (9), borne by said second end of the slider (35), to guide the wings (1,2) as they slide.
<IMAGE>

IPC 1-7

E05D 15/26

IPC 8 full level

E05D 15/26 (2006.01)

CPC (source: EP)

E05D 15/264 (2013.01); **E05Y 2201/412** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XA] US 3494408 A 19700210 - ERCOLE DANTE R D
- [XA] DE 3740021 A1 19890608 - HUEPPE GMBH & CO [DE]
- [X] US 3536120 A 19701027 - KELLEMS KENNETH K

Cited by

DE102005000706B4; IT202200010397A1; CN108680088A; GB2562017A; EP1197625A1; CN103123293A

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