

Title (en)

A pivotally adjustable hinge for a swivelling panel

Title (de)

Schwenkbar einstellbares Scharnier für eine Schwenktafel

Title (fr)

Charnière ajustable rotative pour panneau pivotant

Publication

EP 2447453 A1 20120502 (EN)

Application

EP 10189397 A 20101029

Priority

EP 10189397 A 20101029

Abstract (en)

An adjustable hinge for securing a panel to a support structure comprises: a first member which is operable to engage with the panel; a second member which is operable to engage with the support structure; a catching means; and an adjustment means. The first member is pivotally attached to the second member and is operable to rotate relative to the second member through a range of relative positions and, when the hinge is disposed in one or more of said positions, the catching means limits relative movement between the first member and the second member so that they are substantially fixed. The catching means comprises: a first surface disposed on the first member; a complementary second surface disposed on the second member; and a biasing means to bias the first surface towards the second surface. The adjustment means comprises a worm drive which facilitates the fixed positions to be adjusted and locked.

IPC 8 full level

E05D 5/02 (2006.01); **E05D 7/08** (2006.01); **E05D 11/10** (2006.01); **E05F 1/06** (2006.01)

CPC (source: EP)

E05D 5/0246 (2013.01); **E05D 7/081** (2013.01); **E05D 11/1064** (2013.01); **E05F 1/06** (2013.01); **E05F 1/061** (2013.01);
E05D 2011/1092 (2013.01); **E05Y 2900/114** (2013.01)

Citation (applicant)

- WO 2006054942 A1 20060526 - GLASMAESTERIBRANSCHENS SERVICE [SE], et al
- WO 2005102128 A1 20051103 - INREDNINGSGLAS SKANDINAVIEN AB [SE], et al
- EP 1630333 A1 20060301 - STREMLER [FR]

Citation (search report)

- [XYI] DE 10313961 A1 20041007 - DORMA GMBH & CO KG [DE]
- [YD] WO 2006054942 A1 20060526 - GLASMAESTERIBRANSCHENS SERVICE [SE], et al

Cited by

CN107893597A; US2014132141A1; US9790722B2; US2014306595A1; DE202014003095U1; US9291385B2; EP2365165A3; WO2019150187A1; WO2019158122A1; EP3909483A1; DE102020206143A1; DE102020206143B4

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Designated extension state (EPC)

BA ME

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