

Title (en)

CONCEALED LOWER PIVOT BEARING FOR TURNING WINDOWS, DOORS OR SIMILAR, IN PARTICULAR TURNING AND TILTABLE

Publication

**EP 0436946 B1 19920812 (DE)**

Application

**EP 90125710 A 19901228**

Priority

DE 9000152 U 19900109

Abstract (en)

[origin: EP0436946A1] A concealed lower corner bearing intended for turn, especially turn-and-tilt windows, doors or the like is equipped with a link mechanism (3), which is arranged between the wing lower edge and the lower transverse spar of the fixed frame (1) and which, during the turn-opening of the wing (2), causes a displacement of the axis of rotation of the wing occurring transversely relative to the wing plane, and furthermore with a supporting bar (11) which is arranged between the fixed frame (1) and the wing (2) in the region of the axis of rotation and which is supported with its lower end (11') on the fixed frame (1) and cooperates in carrying the wing (2) in the region of the axis of rotation. To prevent the wing (2) from sagging when it is being turn-opened, the supporting bar (11), guided vertically displaceably at its upper end on the wing frame (2) and designed as a supporting scissor mechanism, is equipped with a suspension link (12) which is articulated approximately centrally on it and from the lower end (12') of which the wing frame (2) is suspended. <IMAGE>

IPC 1-7

**E05D 15/52; E05F 7/06**

IPC 8 full level

**E05D 15/30** (2006.01); **E05D 15/52** (2006.01); **E05F 7/06** (2006.01)

CPC (source: EP)

**E05D 15/30** (2013.01); **E05D 15/5211** (2013.01); **E05F 7/06** (2013.01); **E05Y 2900/148** (2013.01)

Cited by

EP2034114A1; EP1533457A1; US8046954B2; US8707621B2; EP2034114B1

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