

Title (en)

Improvement in hinges for pivoting a wing on a fixed frame

Title (de)

Verbesserung an Scharnieren zur gelenkigen Verbindung eines Flügels an einem Rahmen

Title (fr)

Perfectionnement aux paumelles d'articulation d'un ouvrant sur un dormant

Publication

EP 0651122 B1 19980429 (FR)

Application

EP 94402415 A 19941026

Priority

FR 9312841 A 19931027

Abstract (en)

[origin: EP0651122A1] Improvement to pin hinges, ensuring the articulation of a leaf (14) pivoting relative to a fixed frame (28), these hinges being formed by means of two adjacent cylindrical tubular butts (2, 3), through which a common hinge pin (32) is engaged, these butts each being fixed to a lateral tab (5) for fastening to the leaf (14) and the fixed frame (28) respectively, allowing the free movement of the first relative to the second. According to the invention, this improvement is characterised in that each of the two butts (2, 3) comprises in its lateral fastening tab (5) fixed respectively to the leaf (14) and to the fixed frame (28), extending parallel to its tubular element (4), a groove (13) for the mounting and immobilisation of a sealing gasket (22, 29) projecting towards the outside of the tab (5) under this tubular element, in such a way that, in the position in which the leaf bears on the fixed frame, the gaskets carried by the two tabs are in the extension for one another, ensuring sealing continuity in line with the hinge (1). <IMAGE>

IPC 1-7

E05D 11/00; **E06B 1/52**

IPC 8 full level

E05D 5/02 (2006.01); **E05D 11/00** (2006.01); **E06B 1/52** (2006.01)

CPC (source: EP)

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Cited by

EP2182150A1; EP1298277A3; EP1022425A1; AT409403B; EP1820932A3; CN103912188A; GB2511164A; GB2511164B

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