

Title (en)

Hinge for a self-closing door wing

Title (de)

Türband für einen selbstschliessenden Türflügel

Title (fr)

Penture pour un vantail de porte se fermant automatiquement

Publication

**EP 1900896 B1 20110629 (DE)**

Application

**EP 07017363 A 20070905**

Priority

DE 102006042741 A 20060912

Abstract (en)

[origin: EP1900896A2] The hinge has opening edge and wing-sided hinge parts that are rotatable against each other using a hinge bolt (6) and are connected with each other, where the bolt is attached to the wing-sided hinge part. The bolt with its ends is engaged into upper and lower hubs (12, 11) of the opening edge sided hinge part in a rotatable and axially shiftable manner such that a guiding unit (17) is accommodated in the lower hub. A compression spring (21) counteracting the stroke movement is arranged in the upper hub, where the spring is supported in an upper front side of the bolt.

IPC 8 full level

**E05F 1/12** (2006.01); **E05D 5/14** (2006.01); **E05D 11/04** (2006.01)

CPC (source: EP)

**E05D 5/10** (2013.01); **E05F 1/1223** (2013.01); **E05D 5/0246** (2013.01); **E05D 5/06** (2013.01); **E05D 7/12** (2013.01); **E05D 15/54** (2013.01); **E05D 2005/102** (2013.01); **E05Y 2800/672** (2013.01); **E05Y 2900/132** (2013.01)

Cited by

WO2011006477A1; WO2012150507A1; EP2738331A3; CN109707253A; DE102009033222B3; US8875345B2; WO2012150481A1

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