

Title (en)
Device for pivotably supporting a wing

Title (de)
Vorrichtung zum schwenkbaren Halten einer Flügelklappe

Title (fr)
Dispositif pour le support pivotant d'un battant

Publication
EP 1439275 B1 20071003 (DE)

Application
EP 04007757 A 19960305

Priority
• CH 95395 A 19950404
• EP 96103366 A 19960305

Abstract (en)
[origin: EP0736659A1] A spiral spring (18) leading round a tie piece (7) dampens the swivel movement. The tie piece provides a curved guide with its radius of curvature corresponding to a multiple of half the diameter of the spring. The two ends (18.1, 18.2) of the spring touch the four-bar linkage (8.1, 9.1) which is supported together with the tie piece on the same hinged frame (1). An arm (15) is swivel mounted on the four-bar linkage for attaching the door-leaf flap.

IPC 8 full level
E05D 3/06 (2006.01); **E05F 3/18** (2006.01); **A47B 96/00** (2006.01); **E05D 11/06** (2006.01); **E05D 11/08** (2006.01); **E05F 1/12** (2006.01); **E05F 3/20** (2006.01); **E05F 11/22** (2006.01)

CPC (source: EP US)
E05D 3/06 (2013.01 - EP US); **E05D 3/16** (2013.01 - EP US); **E05D 11/084** (2013.01 - EP US); **E05F 1/1276** (2013.01 - EP US); **E05D 2003/163** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Cited by
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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 0736659 A1 19961009; EP 0736659 B1 20040428; AT E265600 T1 20040515; AT E374876 T1 20071015; CH 696274 A5 20070315; DE 59610997 D1 20040603; DE 59611445 D1 20071115; DK 0736659 T3 20040524; DK 1439275 T3 20080128; EP 1439275 A2 20040721; EP 1439275 A3 20040728; EP 1439275 B1 20071003; ES 2218563 T3 20041116; ES 2295720 T3 20080416; HK 1005700 A1 19990122; JP 3406771 B2 20030512; JP H08277677 A 19961022; NO 310480 B1 20010709; NO 961373 D0 19960403; NO 961373 L 19961007; PT 1439275 E 20080111; PT 736659 E 20040831; SG 42378 A1 19970815; US 5664290 A 19970909

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