

Title (en)  
Pull-in device for moving a wing

Title (de)  
Anzugseinrichtung zur Bewegung eines Flügels

Title (fr)  
Dispositif de tirage pour le déplacement d'une aile

Publication  
**EP 1122389 A3 20060315 (DE)**

Application  
**EP 00127750 A 20001219**

Priority  
DE 10005055 A 20000204

Abstract (en)  
[origin: EP1122389A2] The pull-in arrangement (17) consists of a pull-to edge (21) with a pull-to part (18) positioned on the first frame (1) strut. At least part of the pull-to edge is positioned on a movable pull-to element (19) which, when the casement (2) or leaf is open, protrudes beyond the frame-strut (4). When the casement or leaf is closed, the pull-to element is in a retracted position in relation to the frame-strut.

IPC 8 full level  
**E05D 15/52** (2006.01); **E05B 17/00** (2006.01); **E05C 9/18** (2006.01); **E05B 47/00** (2006.01); **E05F 15/12** (2006.01)

CPC (source: EP)  
**E05B 17/0029** (2013.01); **E05C 9/185** (2013.01); **E05B 47/0012** (2013.01); **E05B 2047/0016** (2013.01); **E05C 9/1808** (2013.01); **E05D 15/5205** (2013.01); **E05F 15/63** (2015.01); **E05Y 2900/148** (2013.01)

Citation (search report)  
• [X] DE 3719040 A1 19871223 - FRANK GMBH WILH [DE]  
• [X] DE 3939043 A1 19910529 - FUHR CARL GMBH & CO [DE]

Cited by  
EP2182149A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1122389 A2 20010808**; **EP 1122389 A3 20060315**; **EP 1122389 B1 20090211**; AT E422594 T1 20090215; DE 10005055 A1 20010809; DE 50015553 D1 20090326; DK 1122389 T3 20090525; ES 2319499 T3 20090508

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