

Title (en)  
DEVICE FOR MOVING FURNITURE WINGS WITH VARIABLE FORCE

Title (de)  
VORRICHTUNG ZUM BEWEGEN VON MÖBELKLAPPEN MIT VARIABLER KRAFT

Title (fr)  
DISPOSITIF POUR DEPLACER UN BATTANT D'UN MEUBLE AVEC UNE FORCE VARIABLE

Publication  
**EP 3272982 A1 20180124 (EN)**

Application  
**EP 17181683 A 20170717**

Priority  
IT 201600075104 A 20160718

Abstract (en)  
The present invention concerns an assembly (1) for moving door wings suitable to be associated to a piece of furniture (M) comprising at least one sidewall (S), said assembly (1) comprising at least a first wing (10), a second wing (20) and a moving mechanism (100), said first wing (10) being adapted to be articulated with its top edge to the piece of furniture around an articulation axis X-X, said second wing (20) being hinged with its upper edge to the lower edge of said first wing (10) and adapted to be slidingly coupled with at least a side end of its lower edge to the sidewall (S) of the piece of furniture. Said moving mechanism (100) is adapted to displace said wings (10, 20) between a closed position, wherein said wings (10, 20) lie superimposed on each other and on the same substantially vertical plane, and an open position wherein said wings (10, 20) are arranged facing each other and cantilevered with respect to said articulation axis (X-X), said mechanism further comprising a balancing device (G) connected to said second wing (20) through transmission means (120) cooperating with deviating means (4, 5, 9, 13) associable to the sidewall (S) of the piece of furniture. In particular, said transmission means (120) comprise a first traction element (101) and a second traction element (102) operatively connected with each other through force compensating means (7) so as to continuously counteract the variation of the torque generated by said wings (10, 20) on said articulation axis (X-X) while they are being displaced.

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Citation (search report)  
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