

Title (en)
Actuator integrated in a wing

Title (de)
Integriertes Stellglied in einem Öffnungsflügel

Title (fr)
Actionneur intégré dans un battant

Publication
EP 1930535 A1 20080611 (FR)

Application
EP 07291437 A 20071130

Priority
• FR 0610582 A 20061201
• FR 0700468 A 20070122

Abstract (en)
The device has a connecting rod (B) placed under a lower horizontal hollow crosspiece (T) of a leaf (P), and connected to a screw/nut type actuator integrated to the leaf at a point. An end of the rod is connected to a fixed offset point (F), where the point is placed at a same distance from a median vertical plane of the leaf passing via a pivoting axis (XY) in closed or open position. The distance is defined to angularly move the leaf at 90 degree and determine a calibrated force of motorization of the leaf in opening and closing of the leaf to determine a maximum driving force on the end.

Abstract (fr)
Le dispositif selon l'invention est une motorisation pour battant pivotant du type comportant un actionneur intégré au battant caractérisé en ce que ledit actionneur commande le déplacement longitudinal de l'axe A d'une bielle B dont l'autre extrémité est articulée en un point fixe décalé F longitudinalement et latéralement au-delà ou en deçà de l'axe de pivotement XY du battant P.

IPC 8 full level
E05F 15/12 (2006.01)

CPC (source: EP)
E05F 15/622 (2015.01); **E05F 15/63** (2015.01); **E05Y 2201/434** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/40** (2013.01)

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