

Title (en)
Damper device for furniture hinges, in particular for hinges of the toggle type, and furniture hinge, in particular a hinge of the toggle type, comprising such a damper device

Title (de)
Dämpfungs Vorrichtung für Möbelscharniere, insbesondere für Schnappscharniere, und Möbelscharnier, insbesondere Schnappscharnier, mit einer solchen Dämpfungs Vorrichtung.

Title (fr)
Dispositif amortisseur pour charnières de meubles, en particulier pour charnières à déclic, et charnière de meuble, en particulier charnière à déclic, munie d'un tel dispositif amortisseur.

Publication
EP 2589736 A1 20130508 (EN)

Application
EP 12190878 A 20121031

Priority
IT MI20112012 A 20111104

Abstract (en)
A damper device (10) for furniture hinges (100), in particular hinges of the toggle type comprising a wing body or arm (102) associable with a fixed panel of a piece of furniture, a cuplike body (101) associable with a door to be articulated to the fixed panel of the furniture and a linkage (103) for articulating the cuplike body (101) to the wing body or arm (102), wherein the damper device (10) comprises a damped rotating body (11) which is provided with a rotation axis (11a) and which is associable with the cuplike body (101) with the rotation axis (11a) arranged in a direction transverse to the longitudinal axis (100a) of the hinge (100) and a wing (13) which is associated with the rotating body (11) so as to rotate as a unique body with it and that, considering the damper device (10) in configuration of assembly on the hinge (100), extends towards the wing body or arm (102), and it is characterised in that it also comprises an actuator element (14) of the rotation of the rotating body (11) that is associated with the wing (13) in a rotatable way around an axis (14a) parallel to the rotation axis (11a) and that has a first end (15) that, considering the damper device (10) in configuration of assembly on the hinge (100), extends towards the inside of the cuplike body (101) and at which is defined a first support and sliding surface (16) along a wall (101') of the cuplike body (101) opposite the one to which the wing body or arm (102) is articulated and a portion (17) that is defined between the axis (14a) and the first end (15) and at which is defined a second support and sliding surface (18) along at least one back portion (102') of the wing body or arm (102).

IPC 8 full level
E05F 5/00 (2006.01); **E05F 5/02** (2006.01)

CPC (source: EP)
E05F 5/006 (2013.01); **E05F 5/02** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/24** (2013.01); **E05Y 2201/248** (2013.01); **E05Y 2201/254** (2013.01); **E05Y 2201/266** (2013.01); **E05Y 2201/618** (2013.01); **E05Y 2201/624** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2900/20** (2013.01)

Citation (applicant)
• WO 2006088435 A2 20060824 - LAMA D D DEKANI [SI], et al
• WO 2006088435 A2 20060824 - LAMA D D DEKANI [SI], et al

Citation (search report)
• [XAY] WO 2004083580 A1 20040930 - BLUM GMBH JULIUS [AT], et al
• [YDA] WO 2006088435 A2 20060824 - LAMA D D DEKANI [SI], et al

Cited by
JP2016065375A; CN105793508A; CN106460436A; US2016273258A1; US10253541B2; US10329821B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2589736 A1 20130508; IT MI20112012 A1 20130505

DOCDB simple family (application)
EP 12190878 A 20121031; IT MI20112012 A 20111104