

Title (en)

AN ENHANCED HINGE WITH DAMPENING ELEMENT FOR PIECES OF FURNITURE

Title (de)

VERBESSERTES SCHARNIER MIT DÄMPFUNGSELEMENT FÜR MÖBELSTÜCKE

Title (fr)

CHARNIÈRE AMÉLIORÉE DOTÉE D'UN ÉLÉMENT D'AMORTISSEMENT POUR DES PIÈCES DE MOBILIER

Publication

EP 3597845 A1 20200122 (EN)

Application

EP 19185412 A 20190710

Priority

IT 201800007274 A 20180718

Abstract (en)

A hinge (1) for pieces of furniture comprises a first end portion or body (2) suitable for being coupled with either a structure, be it a side or an upright, of a piece of furniture, or a door movable with respect to such structure, a link member (3), subject to a spring (7) and connected to such first hinge portion (2) and suitable for being connected to a second hinge portion (4) coupled with the other of said structure, such as a side or an upright, and said door, said link member (3) comprising first and second interconnected elements (5, 6) connected to the first and the second hinge portion (2, 4) respectively, a dampening element (8) being provided, suitable for braking at least the closing movement of the hinge (1) whereby the door moves towards the structure of the piece of furniture, such dampening element (8) being associated with the second element (6) of the link member (3) of the hinge; such dampening element being a rotating damper suitable for cooperating with a gear element integral with the first element (5) of the link member (3), said rotating damper and said gear element being connected to each other in a selectively connectable manner.

IPC 8 full level

E05D 3/14 (2006.01); **E05F 5/00** (2017.01); **E05D 7/04** (2006.01)

CPC (source: EP)

E05D 3/142 (2013.01); **E05F 5/006** (2013.01); **E05D 7/0407** (2013.01); **E05D 7/0415** (2013.01); **E05D 2007/0469** (2013.01); **E05D 2007/0484** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/214** (2013.01); **E05Y 2201/266** (2013.01); **E05Y 2201/71** (2013.01); **E05Y 2600/12** (2013.01); **E05Y 2900/20** (2013.01)

Citation (applicant)

- AT 4486 U1 20010725 - BLUM GMBH JULIUS [AT]
- WO 2010082028 A1 20100722 - TITUS INTERNAT LTD [GB], et al
- AT 4486 B 19010625 - BRAY ALBERT [US], et al
- CN 103015825 A 20130403 - QI ZHI

Citation (search report)

- [AD] AT 4486 U1 20010725 - BLUM GMBH JULIUS [AT]
- [AD] WO 2010082028 A1 20100722 - TITUS INTERNAT LTD [GB], et al
- [AD] CN 103015825 A 20130403 - QI ZHI

Cited by

RU203181U1

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 3597845 A1 20200122; **EP 3597845 B1 20200909**; MA 47803 A 20200122

DOCDB simple family (application)

EP 19185412 A 20190710; MA 47803 A 20190710