

Title (en)
HINGE WITH DAMPENING ELEMENT FOR PIECES OF FURNITURE

Title (de)
SCHARNIER MIT DÄMPFUNGSELEMENT FÜR MÖBEL

Title (fr)
CHARNIÈRE COMPORTANT UN ÉLÉMENT D'AMORTISSEMENT POUR MEUBLES

Publication
EP 3591156 A1 20200108 (EN)

Application
EP 19183374 A 20190628

Priority
IT 201800006848 A 20180702

Abstract (en)
A hinge (1) for pieces of furniture comprises a first end portion (2) suitable for being coupled with either a structure of the piece of furniture, such as a side or an upright, and 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 second hinge portions (2, 4) respectively, a dampening element (8), equipped with a piston (64) and a cylinder (77), 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, a first and a second gear elements (51, 55) being provided, permanently engaged to each other and integrally with said first and second interconnected elements (5, 6) respectively, the second gear element being connected in a selectively separatable manner to said dampening element and activating the latter along with the movement of the hinge only when they are connected to each other.

IPC 8 full level
E05F 5/00 (2017.01); **E05D 7/12** (2006.01)

CPC (source: EP)
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Citation (search report)
• [Y] CN 200999533 Y 20080102 - ZHIYONG WU [CN]
• [YA] WO 2012150170 A1 20121108 - HETTICH ONI GMBH & CO KG [DE], et al
• [A] WO 2012119351 A1 20120913 - WU ZHIXIANG [CN]

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