

Title (en)
ARTICULATED DAMPED SNAP HINGE

Title (de)
GEDÄMPFTES SCHNAPPGELENKSCHARNIER

Title (fr)
CHARNIÈRE ARTICULÉE À DÉCLIC AMORTI

Publication
EP 3309335 A1 20180418 (EN)

Application
EP 17194020 A 20170929

Priority
IT 201600102245 A 20161012

Abstract (en)
The invention relates to a dampened snap hinge (1) for furniture, comprising a first and a second articulated quadrilateral, associated with a first and a second plate (2,3) for fixing to a wall and a door of a piece of furniture, the quadrilaterals each comprising a pair of rocker arms (5,7; 8,10) of which one extends beyond the vertex (13) of the relative quadrilateral so as to form a connecting rod (6,9) of the other quadrilateral and a pair of articulated levers (23,24) extending between the rocker arms (5,7) of the quadrilateral of the first plate (2), wherein the connecting rod (9) of the quadrilateral of the second plate (3) comprises an extension that extends beyond a hinge point (91) with a first of the respective rockers (10) the hinge (1) also comprising elastic means (40) for opposing the rotation of the door of the furniture, which extend between a body of one of the articulated levers (23) and an engagement abutment (42) coupled with the first plate (2) a damper (4) coupled between the extension of said connecting rod (9) and the first rocker arm (10).

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Citation (applicant)
• EP 2947246 A1 20151125 - D G N S R L [IT]
• EP 2166285 A1 20100324 - GUILLOT IND SA [FR]

Citation (search report)
• [AD] EP 2166185 A1 20100324 - SYSTEM HOLZ SPA [IT]
• [A] DE 202007004621 U1 20080807 - HETTICH ONI GMBH & CO KG [DE]
• [A] EP 1736627 A2 20061227 - ZETTI DANIELE [IT]

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KR20230150008A; IT202100022574A1; CN116575823A; EP3741943A1; US11377889B2

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