

Title (en)  
Articulated snap hinge

Title (de)  
Einschnappendes Gelenkscharnier

Title (fr)  
Charnière à déclic articulée

Publication  
**EP 2166185 A1 20100324 (EN)**

Application  
**EP 08425616 A 20080922**

Priority  
EP 08425616 A 20080922

Abstract (en)  
The invention relates to a snap hinge for furniture capable of keeping the door raised open. The hinge comprises two articulated quadrilaterals with respective rocker arms (5, 7; 8, 10), one of which extends beyond the vertex (13) of the respective quadrilateral, thus forming a connecting rod (6, 9) of the other quadrilateral. Advantageously, the hinge includes a pair of articulated levers (23, 24) arranged between the rocker arms (5, 7) of one of the quadrilaterals, which are subjected to the action of a spring (20) countering the rotation of the door of the piece of furniture. Thanks to these features, a small spring (20) can keep even heavy doors in the raised position.

IPC 8 full level  
**E05D 3/16** (2006.01); **E05F 1/12** (2006.01)

CPC (source: EP)  
**E05D 3/16** (2013.01); **E05F 1/1276** (2013.01); **E05Y 2900/20** (2013.01)

Citation (applicant)

- EP 0745172 A1 19961204 - TGN SPA [IT]
- EP 1138857 A1 20011004 - TGN SPA [IT]

Citation (search report)

- [XA] EP 0952290 A2 19991027 - HETTICH HETAL WERKE [DE]
- [XA] DE 29616978 U1 19961114 - HETTICH HETAL WERKE [DE]
- [DA] EP 0745172 A1 19961204 - TGN SPA [IT]
- [DA] EP 1138857 A1 20011004 - TGN SPA [IT]

Cited by  
CN114673419A; EP2615234A1; CN114592761A; EP3309335A1; IT201600102245A1; US2023212896A1

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

Designated extension state (EPC)  
AL BA MK RS

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