

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
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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)

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- [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

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