

Title (en)

Hinge with snap-type opening and closing movement

Title (de)

Scharnier mit Schnappöffnungs- und -schließbewegung

Title (fr)

Charnière avec mouvement d'ouverture et de fermeture avec effet de ressort

Publication

EP 2615234 A1 20130717 (EN)

Application

EP 12425007 A 20120116

Priority

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Abstract (en)

The present invention relates to a hinge wherein a pair of articulated quadrilaterals, secured to the door (A) and to a wall (P) of a piece of furniture respectively have some elements in common. The hinge has a spring (20) associated to one of the articulated polygons (4, 5, 6, 7; 3, 8, 9, 10) exerting a force upon the opening and closing conditions of the door (A), greater than at least that exerted in intermediate conditions. Thus it is sufficient to apply the elastic means (20) only at one point in order to achieve the snap-type opening and closing of the door (A), simplifying the hinge and reducing the costs.

IPC 8 full level

E05F 1/12 (2006.01); **E05D 3/16** (2006.01)

CPC (source: EP)

E05F 1/1276 (2013.01); **E05D 3/16** (2013.01); **E05Y 2900/132** (2013.01)

Citation (applicant)

- EP 1138857 A1 20011004 - TGN SPA [IT]
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Citation (search report)

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- [A] GB 2049800 A 19801231 - DROOFF H E
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Designated contracting state (EPC)

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