

Title (en)
Hinge

Title (de)
Scharnier

Title (fr)
Charnière

Publication
EP 2481873 A1 20120801 (EN)

Application
EP 12152379 A 20120125

Priority
IT PN20110004 A 20110201

Abstract (en)
To minimize the air gaps between the several leafs of furniture, it is proposed a hinge assembly capable of letting the leaf rotate from vertical to horizontal by a rotation of approximately 90 degrees to make it parallel to a stationary base (98) having a horizontal support surface, comprising - a fixed member (80) to be mounted on the base; - a movable member (60), to be fixed at the edge of the leaf, with a surface having an open cavity (66); - a connecting arm (52) having one end integral with the fixed member and the other end arranged swingingly into the cavity (66), wherein the movable member (60) is guided with respect to the arm (52) along a rotation of approximately 90 degrees by at least a pair of pins (72) integral with the arm (52), the pins (72) being, in use, with horizontal axis and slidingly inserted into two respective guide grooves (58a,58b) made in the movable member, or in the arm, characterized in that the hinge is configured in such a way that in the horizontal position the leaf has a horizontal surface in sight that lies in a plane parallel and offset with respect to that on which lies the support surface of the base.

IPC 8 full level
E05D 3/18 (2006.01)

CPC (source: EP)
E05D 3/183 (2013.01)

Citation (applicant)
US 6332660 B1 20011225 - SALICE LUCIANO [IT]

Citation (search report)
• [X] DE 1559943 A1 19700514 - LAUTENSCHLAEGER KG KARL
• [XY] DE 1964577 A1 19700827 - HETTICH F KG
• [X] FR 1330384 A 19630621
• [Y] US 4397064 A 19830809 - LAUTENSCHLAEGER HORST [DE], et al

Cited by
CN115126367A; CN115199163A; US11585133B2; WO2019007178A1

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

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