Title (en)
Hinge for flap doors of furniture elements

Title (de)
Scharnier für Möbelklappen

Title (fr)
Charnière pour portes de meubles

Publication
EP 2505752 A1 20121003 (EN)

Application
EP 12159815 A 20120316

Priority
IT PN20110020 A 20110329

Abstract (en)
Hinge for flap doors of furniture elements, the doors being able to swing around a horizontal axis to assume a substantially horizontal open position to allow access inside the furniture element and a substantially vertical closed position, the hinge comprising a first hollow body (10) fastened to the internal surface of the base (B) of the furniture element and a second hollow body (11) fastened to the internal surface of the door (A). The first and the second body of the hinge are connected by means of a pair of levers (23), parallel to each other, and a lever (24), interposed between said pair of levers (23), said levers (23, 24) being pivoted in the first body (10) and in the second body (11) and in an intermediate adjusting block (18), respectively, so that the lower and upper end of the door (A) remain, respectively, above the bottom surface of the base (B) of the furniture element and below the upper surface of the top wall (T) of the furniture element during the door opening/closing movement.

IPC 8 full level
E05D 3/14 (2006.01); **E05D 5/08** (2006.01); **E05D 7/04** (2006.01)

CPC (source: EP)
E05D 3/142 (2013.01); **E05D 5/08** (2013.01); **E05D 7/0407** (2013.01); E05D 11/0054 (2013.01); E05Y 2900/20 (2013.01)

Citation (applicant)
GB 1374661 A 19741120 - HEINZE RICHARD

Citation (search report)
- [XD] GB 1374661 A 19741120 - HEINZE RICHARD
- [XY] DE 2353043 A1 19740620 - BLUM GMBH JULIUS
- [X] EP 0881348 A1 19981202 - MIGNANI ALDO [IT]
- [Y] US 4847948 A 19890718 - GROSS JUERGEN [DE], et al

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2505752 A1 20121003; IT PN20110020 A1 20120930; JP 2012207524 A 20121025; RU 2012112041 A 20131010

DOCDB simple family (application)
EP 12159815 A 20120316; IT PN20110020 A 20110329; JP 2012077290 A 20120329; RU 2012112041 A 20120328