

Title (en)

Movable-axis hinge for furniture doors and the like

Title (de)

Scharnier mit beweglicher Achse für Möbeltüren und dergleichen

Title (fr)

Charnière à axe mobile pour portes de meubles et similaire

Publication

EP 2336467 B1 20180124 (EN)

Application

EP 10193720 A 20101203

Priority

IT MI20092205 A 20091216

Abstract (en)

[origin: EP2336467A1] A movable-axis hinge comprises a first coupling unit connectable to a fixed part of a piece of furniture or the like, a second coupling unit connectable to a moving part of a piece of furniture or the like, a kinematic movement mechanism interposed and hinged between the first coupling unit and the second coupling unit and capable of reversibly configuring the moving part between a closed state and an open state and finally an assistance device that acts, operationally, on the kinematic movement mechanism; the assistance device is reversibly configurable between an assisted closing state, in which it exerts an action of drawing back the moving part towards the fixed part, and a stable state in which it exerts at least an action of holding the moving part in position at at least a given angle of opening with respect to the fixed part.

IPC 8 full level

E05D 11/10 (2006.01); **E05D 3/14** (2006.01); **E05F 1/12** (2006.01); **E05F 5/00** (2017.01)

CPC (source: EP)

E05D 3/14 (2013.01); **E05D 11/1021** (2013.01); **E05F 1/1253** (2013.01); **E05F 5/006** (2013.01); **E05D 3/142** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/256** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/20** (2013.01); **E05Y 2900/31** (2013.01)

Citation (examination)

- DE 2530321 A1 19770120 - HETTICH HETAL WERKE
- DE 1173633 B 19640709 - SIEMENS ELEKTROGERAETE GMBH

Cited by

CN107217935A; ITMI20120237A1; AT516587A1; AT516587B1; AT519901A1; AT519901B1; CN114837508A; EP2886762A1; CN114991605A; US8938854B2; WO2017193359A1; WO2016090391A1; US10221597B2

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

DOCDB simple family (publication)

EP 2336467 A1 20110622; **EP 2336467 B1 20180124**; IT MI20092205 A1 20110617

DOCDB simple family (application)

EP 10193720 A 20101203; IT MI20092205 A 20091216