

Title (en)
CONCEALED, ADJUSTABLE HINGE

Title (de)
EINSTELLBARES, VERDECKTES SCHARNIER

Title (fr)
CHARNIÈRE CACHÉE RÉGLABLE

Publication
EP 3757322 A1 20201230 (EN)

Application
EP 20180299 A 20200616

Priority
IT 201900009945 A 20190624

Abstract (en)
Adjustable hidden hinge for doors/windows/shutters comprising a first hinge body (2), a second hinge body (6), and articulation means (10) which rotatably connect the first hinge body (2) and the second hinge body (6) around a rotation axis (X). The first hinge body (2) comprises a first hull (11), two adjustment sliding blocks (27) adjustably mounted on the first hull (11) along a first adjustment direction (H) parallel to the rotation axis (X), and a first adjustment carriage (12) adjustably mounted on the first hull (11) along a second adjustment direction (Y) orthogonal to the rotation axis (X). The first hinge body (2) also comprises two eccentric adjustment bodies (15), each comprises a first portion (28), which is inserted in a first engagement seat (16) of the first adjustment sliding block (27), and a second portion (21), which is placed in eccentric position with respect to the first portion (28), inserted in a second engagement seat (18) of the first adjustment carriage (12) and is actuatable in order to rotate the eccentric adjustment body (15) such that its second portion (21) acts abuttingly on the first adjustment carriage (12) in order to move it along the second adjustment direction (Y).

IPC 8 full level
E05D 3/18 (2006.01); **E05D 7/04** (2006.01)

CPC (source: EP)
E05D 3/186 (2013.01); **E05D 7/0415** (2013.01); **E05D 2007/0469** (2013.01); **E05D 2007/0484** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2600/312** (2013.01); **E05Y 2600/314** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2600/634** (2013.01); **E05Y 2900/132** (2013.01)

Citation (applicant)
IT TV20080058 A1 20091018 - ANSELM I & C SRL

Citation (search report)
• [A] IT TV20080058 A1 20091018 - ANSELM I & C SRL
• [A] DE 102011050414 B3 20120426 - SIMONSWERK GMBH [DE]

Cited by
US2022090424A1; US11965369B2

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 3757322 A1 20201230; **EP 3757322 B1 20220518**; IT 201900009945 A1 20201224; PL 3757322 T3 20220905

DOCDB simple family (application)
EP 20180299 A 20200616; IT 201900009945 A 20190624; PL 20180299 T 20200616