

Title (en)
INVISIBLE CONCEALED HINGE FOR DOORS WITH A HOUSING STRUCTURE FOR AN ADJUSTMENT ACTUATOR

Title (de)
VERDECKTES SCHARNIER FÜR TÜREN MIT GEHÄUSESTRUKTUR FÜR EINEN VERSTELLGLIED

Title (fr)
CHARNIERE INVISIBLE POUR PORTES AVEC LOGEMENT POUR UN ACTIONNEUR DE REGLAGE

Publication
EP 3156572 A1 20170419 (EN)

Application
EP 16189434 A 20160919

Priority
• IT UB20154613 A 20151012
• SM 201500247 A 20151012

Abstract (en)
In a invisible hidden door hinge (1), a first connecting body (2a) and a second connecting body (2b) are connected together by an articulation device (3) which allows the relative movement between a condition of opening and a closed condition in which the first (2a) and the second (2b) connecting body define a seat in which the articulation device (3) is enclosed. At least one of the connection bodies (2a, 2b) comprises a support structure (4a, 4b) in which, for a position adjustment, at least one movable body (5a) is housed which is shaped from a respective single metal sheet in a single concave piece, a transversal portion (500a) is bent in three sections (502a, 503a, 504a) to form a housing groove (72) for an adjustment actuator (7).

IPC 8 full level
E05D 3/16 (2006.01); **E05D 7/04** (2006.01); **E05D 9/00** (2006.01)

CPC (source: EP)
E05D 3/16 (2013.01); **E05D 7/0423** (2013.01); **E05D 9/00** (2013.01); **E05D 2003/166** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2800/45** (2013.01); **E05Y 2800/674** (2013.01); **E05Y 2800/682** (2013.01)

Citation (search report)
• [A] EP 2110502 A2 20091021 - CEAM AMDEO S P A [IT]
• [A] EP 2460964 A1 20120606 - SUGATSUNE KOGYO [JP]

Cited by
IT201700090353A1; WO2019025848A1

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

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