

Title (en)

CONCEALED HINGING DEVICE FOR CLOSING ELEMENTS, IN PARTICULAR ARMORED DOORS

Title (de)

VERDECKTES SCHARNIER FÜR SCHLIESSELEMENTE, INSBESONDERE FÜR GEPANZERTE TÜREN

Title (fr)

CHARNIÈRE CACHÉE POUR ÉLÉMENTS DE FERMETURE, PARTICULIÈREMENT DES PORTES BLINDÉES

Publication

**EP 3842609 A1 20210630 (EN)**

Application

**EP 19425095 A 20191223**

Priority

EP 19425095 A 20191223

Abstract (en)

An adjustable and concealed hinging device (12) for hinging a closing element, in particular a reinforced door, with respect to a fixed element. The hinging device comprises a hinging element (21) configured to be disposed coaxially with a hinging axis (X) and mounted on a support member (22) configured to be disposed in a compartment made in the closing element. The hinging device (12) also comprises adjustment members for selectively adjusting the position of the hinging element (21) along its hinging axis (X), along a sliding direction (Y), perpendicular to the hinging axis (X), and/or along a translation direction (Z), perpendicular to both the hinging axis (X), and also to the sliding direction (Y).

IPC 8 full level

**E05D 3/02** (2006.01); **E05D 7/00** (2006.01); **E05D 7/04** (2006.01)

CPC (source: EP)

**E05D 3/02** (2013.01); **E05D 7/0027** (2013.01); **E05D 7/0415** (2013.01); **E05D 7/0423** (2013.01); **E05Y 2201/696** (2013.01); **E05Y 2201/718** (2013.01); **E05Y 2600/312** (2013.01); **E05Y 2600/314** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2800/268** (2013.01); **E05Y 2900/132** (2013.01)

Citation (applicant)

EP 18425081 A 20181026

Citation (search report)

- [XA] DE 102008028756 B3 20090709 - SFS INTEC HOLDING AG [CH]
- [X] EP 2369109 A2 20110928 - SIMONSWERK GMBH [DE]
- [I] EP 2208843 A2 20100721 - SFS INTEC HOLDING AG [CH]

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 3842609 A1 20210630**

DOCDB simple family (application)

**EP 19425095 A 20191223**