

Title (en)
CLAMPING SYSTEM FOR MOUNTING GLASS BALUSTRADE

Title (de)
KLEMMSYSTEM ZUR MONTAGE EINER GLASBALUSTRADE

Title (fr)
SYSTÈME DE SERRAGE POUR LE MONTAGE D'UNE BALUSTRADE EN VERRE

Publication
EP 3121345 A1 20170125 (EN)

Application
EP 15180605 A 20150811

Priority
CN 201510434039 A 20150722

Abstract (en)
The invention patent discloses a clamping system for mounting glass balustrade, including a base with a U-shaped channel, an adjusting component A and an adjusting component B. The adjusting component A comprising: an L-shaped plate and a trapezoid plate, both the two ladder surfaces of the trapezoid plate are symmetrical arc convex surfaces of the same arc; A trapezoid groove is configured in the inner side of the L-shaped plate, which matches with the trapezoid convex surface of the trapezoid plate, with shorter length than that of the trapezoid convex. The adjusting component B comprising: a supporting plate with a trapezoid groove inside, a wedge A, a wedge B, an adjusting bolt A and an adjusting bolt B. Both the wedge A and the wedge B are single-side wedge structure, with one plane side and another bevel side. A hole channel is situated on the middle top of the supporting plate, reaching through the trapezoid groove; A horizontally placed locating element is situated in the middle of the trapezoid groove. The top part of adjusting bolt A connects with the Wedge A by thread screwing, and bottom part of adjusting bolt A connects with the locating element permanently. The top part of adjusting bolt B connects with the locating element by screwing, and bottom part of adjusting bolt B connects with the wedge B permanently. This invention patent not only benefits the angle adjusting during glass installation, but also guarantees the stability of the glass installation.

IPC 8 full level
E04F 11/18 (2006.01)

CPC (source: EP)
E04F 11/1812 (2013.01); **E04F 11/1817** (2013.01); **E04F 11/1853** (2013.01); **E04F 2011/1819** (2013.01)

Citation (applicant)
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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 3121345 A1 20170125; CN 105003037 A 20151028; CN 105003037 B 20170412

DOCDB simple family (application)
EP 15180605 A 20150811; CN 201510434039 A 20150722