

Title (en)

Connecting device for a tubular handrail part

Title (de)

Verbindungselement für rohrförmige Handlaufteile

Title (fr)

Dispositif de connexion pour une pièce de main courante tubulaire

Publication

**EP 1767723 A3 20110112 (DE)**

Application

**EP 06018915 A 20060909**

Priority

DE 202005015020 U 20050922

Abstract (en)

[origin: EP1767723A2] The main body (1) is a hollow sphere. It includes handrail fastenings (2, 3), each with its head (4, 5) inserted into a slot (6, 7) in the sphere. Each is prevented from pulling-out of the slot, by turning it. Each can be swung through an angle in the slot. The fastening includes: a head flattened on two sides, a rectangular section in the slot and a threaded shaft (10, 11) projecting externally from the sphere. The width of the head in the slot is slightly less than that of the slot. The sphere is in two halves; its is welded together and then polished.

IPC 8 full level

**E04F 11/18** (2006.01)

CPC (source: EP)

**E04F 11/1808** (2013.01); **E04F 11/1834** (2013.01)

Citation (search report)

- [AD] DE 20300287 U1 20040513 - FLEXO VERTRIEBS GMBH [DE]
- [AD] DE 29509140 U1 19950824 - KUKATSCH ECKHARD [DE]
- [XAI] JP H08120869 A 19960514 - IZUMI SHUHEI
- [XI] FR 2568325 A1 19860131 - DERRIEN BERNARD [FR]
- [XAI] FR 2624220 A2 19890609 - DERRIEN BERNARD [FR]
- [A] US 1423927 A 19220725 - ANDREW FALK

Cited by

CN102926511A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1767723 A2 20070328; EP 1767723 A3 20110112**; DE 202005015020 U1 20070208

DOCDB simple family (application)

**EP 06018915 A 20060909**; DE 202005015020 U 20050922