

Title (en)

Connecting device between a corner post and two filler panels for a railing

Title (de)

Verbindungsvorrichtung zwischen einem Eckpfosten und zwei Füllelementen in einem Geländer

Title (fr)

Dispositif de liaison entre un poteau d'angle et deux éléments de remplissage d'un garde-corps

Publication

**EP 1647648 A1 20060419 (FR)**

Application

**EP 05291859 A 20050908**

Priority

FR 0410790 A 20041013

Abstract (en)

The device has a flange (17) comprising sides (19, 20) forming support faces for upper horizontal rails (7) of filling units (5) and a contact surface (21) with a vertical post (3). A flange (18) surrounds the post and comprises of frontal extensions (24) engaging in open grooves (14) of the rails. The flanges are locked using a clamping screw (28) in order to simultaneously block the post and the rails between the flanges.

IPC 8 full level

**E04F 11/18** (2006.01)

CPC (source: EP)

**E04F 11/1853** (2013.01); **E04F 2011/1819** (2013.01); **E04F 2011/1823** (2013.01)

Citation (search report)

- [A] US 3333823 A 19670801 - LARRY GENAUER, et al
- [A] DE 20300135 U1 20030320 - SCHUECO INT KG [DE]
- [A] US 4623128 A 19861118 - DUTCH GEOFFREY C [AU], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

Cited by

EP2159344A1; FR2935450A1

Designated contracting state (EPC)

BE CH ES LI LU NL PT

DOCDB simple family (publication)

**EP 1647648 A1 20060419**; **EP 1647648 B1 20090520**; ES 2326034 T3 20090929; FR 2876402 A1 20060414; FR 2876402 B1 20061208; PT 1647648 E 20090605

DOCDB simple family (application)

**EP 05291859 A 20050908**; ES 05291859 T 20050908; FR 0410790 A 20041013; PT 05291859 T 20050908