

Title (en)

DEVICE AND METHOD FOR FIXING PLANAR ELEMENTS TO A SUPPORT CONSTRUCTION IN PARTICULAR A SPACEFRAME

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BEFESTIGEN VON FLÄCHENELEMENTEN AN EINER TRAGKONSTRUKTION, INSBESONDERE EINEM RAUMFACHWERK

Title (fr)

DISPOSITIF ET PROCÉDÉ DE FIXATION D'ÉLÉMENTS DE SURFACE DESTINÉS À UNE STRUCTURE PORTEUSE, EN PARTICULIER À UNE CHARPENTE TRIDIMENSIONNELLE

Publication

EP 2102422 A1 20090923 (DE)

Application

EP 07819035 A 20071016

Priority

- EP 2007008966 W 20071016
- DE 102006059230 A 20061213

Abstract (en)

[origin: WO2008071250A1] The invention relates to a device and method for fixing planar elements to a support construction in particular a spaceframe. The device comprises at least one baseplate (20) fixed or for fixing to the support construction (10). At least one first planar element and at least one second planar element are at least partly applied to or may be applied to said baseplate (20). The device further comprises at least one retainer device (21) arranged on the baseplate (20) for fixing the planar element to the baseplate (20). The retainer device (21) itself comprises a rotary lock (22), designed for fixing the first planar element and the second planar element. In the first position of the rotary lock (22), the first planar element may be applied to the baseplate (20), in a second position of the rotary lock (22), the first planar element is fixed to the baseplate (20) and the second planar element may be applied to the baseplate (20) and in a third position of the rotary lock (22) the first planar element and the second planar element are fixed to the baseplate (20). According to the method, the rotary lock (22) is firstly in the first position thereof or brought into the first position thereof. The first planar element is then applied to the baseplate, the rotary lock (22) is then brought into the second position thereof to fix the first planar element, the second planar element is then applied to the baseplate (20) and then the rotary lock (22) is then brought into the third position thereof to fix the first planar element and the second planar element.

IPC 8 full level

E04B 1/19 (2006.01)

CPC (source: EP)

E04B 1/19 (2013.01); **E04B 2001/199** (2013.01); **E04B 2001/3282** (2013.01)

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102006059230 A1 20080619; AT E547575 T1 20120315; EP 2102422 A1 20090923; EP 2102422 B1 20120229; WO 2008071250 A1 20080619

DOCDB simple family (application)

DE 102006059230 A 20061213; AT 07819035 T 20071016; EP 07819035 A 20071016; EP 2007008966 W 20071016