

Title (en)
FLAT ROOF STRUCTURE, METHOD FOR PRODUCING A FLAT ROOF STRUCTURE, USE OF A STORM PROTECTION ELEMENT AND UNIT COMPRISING A STORM PROTECTION ELEMENT AND A POST

Title (de)
FLACHDACHAUFBAU, VERFAHREN ZUR HERSTELLUNG EINES FLACHDACHAUFBAUS, VERWENDUNG EINES STURMSICHERUNGSELEMENTS SOWIE EINHEIT BESTEHEND AUS EINEM STURMSICHERUNGSELEMENT UND EINEM PFOSTEN

Title (fr)
STRUCTURE DE TOIT PLAT, PROCÉDÉ DE FABRICATION D'UNE STRUCTURE DE TOIT PLAT ET UTILISATION D'UN ÉLÉMENT DE SÉCURITÉ EN CAS DE TEMPÊTE ET UNITÉ COMPRENANT UN ÉLÉMENT DE SÉCURITÉ EN CAS DE TEMPÊTE ET UN POTEAU

Publication
EP 2893102 A1 20150715 (DE)

Application
EP 13758855 A 20130904

Priority

- EP 12183171 A 20120905
- EP 2013068295 W 20130904
- EP 13758855 A 20130904

Abstract (en)
[origin: WO2014037408A1] The invention relates to a storm protection element of a post which passes through a flat roof covering. In particular, the element is designed as a hold-down disk or plate with an opening surrounded by spring-elastic claws which are designed so as to determine an inner contour of the opening, said inner contour being attached to the outer contour of the post to be secured. The storm protection element can be pushed onto the post from the free end of said post against the elastic resistance of the claws, whereas the claws wedge against the post when a force acts in the opposite direction and thus fix the storm protection element in the position reached by said element upon being pushing onto the post.

IPC 8 full level
E04D 5/14 (2006.01); **E04D 13/14** (2006.01); **E04G 21/32** (2006.01); **F16L 5/00** (2006.01)

CPC (source: EP US)
E04D 5/145 (2013.01 - EP US); **E04D 13/1407** (2013.01 - EP US); **E04G 21/3223** (2013.01 - EP US)

Citation (search report)
See references of WO 2014037408A1

Cited by
DE202020107630U1

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)
WO 2014037408 A1 20140313; EP 2893102 A1 20150715; EP 2893102 B1 20180704; JP 2015531439 A 20151102; JP 6412002 B2 20181024; US 2015240498 A1 20150827

DOCDB simple family (application)
EP 2013068295 W 20130904; EP 13758855 A 20130904; JP 2015530378 A 20130904; US 201314423318 A 20130904