

Title (en)

RETRACTABLE-ROOF ELEMENT, ROOF STRUCTURE AND METHOD FOR OPERATING THE ROOF ELEMENT

Title (de)

WANDELBARES DACHELEMENT, DACHKONSTRUKTION UND VERFAHREN ZUM BETRIEB DES DACHELEMENTS

Title (fr)

ÉLÉMENT DE TOITURE CONVERTIBLE, TOITURE ET PROCÉDÉ D'UTILISATION DE L'ÉLÉMENT DE TOITURE

Publication

**EP 2864557 B1 20160810 (DE)**

Application

**EP 13729638 A 20130605**

Priority

- DE 102012210824 A 20120626
- EP 2013061580 W 20130605

Abstract (en)

[origin: WO2014001045A1] The invention relates to a retractable-roof element (1a, 1b) comprising a circumferential structure (2) with an opening (3), a membrane (6), a peripheral cable (4) and at least one guide cable (5), forming a cable assembly, wherein the peripheral cable (4) and the cable assembly are braced in relation to one another, wherein the roof element (1a, 1b) has a parked position and a shading position, wherein the ends of the peripheral cable (4) are fixed, via a first tensioning device, at two fastening regions of the circumferential structure (2), wherein the guide cable (5) is fastened on the peripheral cable (4), between the two fastening regions, and on the circumferential structure (2), via a further tensioning device, wherein it is possible to vary the tensile force of the first tensioning device and/or of the further tensioning device, and therefore the peripheral cable (4) can be displaced from the parked position into the shading position, and wherein the membrane (6), in the shading position, is at least partially opened out, fixed at at least one connecting point (15) of the peripheral cable (4) and covers part of the opening (3) of the circumferential structure (2). This makes it possible to provide for an attractively designed flexible shading of an inner courtyard.

IPC 8 full level

**E04B 1/342** (2006.01); **E04B 1/343** (2006.01); **E04B 7/14** (2006.01); **E04B 7/16** (2006.01); **E04D 5/00** (2006.01)

CPC (source: EP US)

**E04B 1/342** (2013.01 - US); **E04B 1/343** (2013.01 - US); **E04B 1/3431** (2013.01 - US); **E04B 7/14** (2013.01 - US); **E04B 7/166** (2013.01 - EP US); **E04D 5/00** (2013.01 - US); **E04H 4/086** (2013.01 - US); **E04H 4/10** (2013.01 - US)

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

DOCDB simple family (publication)

**DE 202013102410 U1 20130612**; DE 102012210824 A1 20140102; DE 102012210824 B4 20140320; EP 2864557 A1 20150429; EP 2864557 B1 20160810; ES 2588879 T3 20161107; US 2015101259 A1 20150416; US 9347219 B2 20160524; WO 2014001045 A1 20140103

DOCDB simple family (application)

**DE 202013102410 U 20130605**; DE 102012210824 A 20120626; EP 13729638 A 20130605; EP 2013061580 W 20130605; ES 13729638 T 20130605; US 201414574087 A 20141217