

Title (en)

DOME SHAPED ELEMENT FOR A PIPE DUCT OF A TILE PROFILED METAL SHEET ROOFING

Title (de)

KUPPELFÖRMIGES ELEMENT FÜR EINE ROHRLEITUNG EINES BLECHDACHS MIT ZIEGELPROFIL

Title (fr)

ÉLÉMENT BOMBÉ POUR CONDUIT DE TUYAU D'UNE TOITURE EN TÔLE MÉTALLIQUE À ASPECT DE TUILES

Publication

EP 2307632 A1 20110413 (EN)

Application

EP 09754030 A 20090526

Priority

- FI 2009050440 W 20090526
- FI 20085505 A 20080528

Abstract (en)

[origin: WO2009144377A1] The invention concerns an dome-like element tapering upwards for a pipe duct of a tile profiled metal sheet roofing of a building, said element having in its dome-like upper part (1) an opening (3) for receiving the pipe to be led through the roof, and said element having in its lower edge a flange part (2) with mounting holes (7), said flange part including an arched portion (5, 6) for the wave crest of the tile profiled metal sheet roofing at the front and back end of said element. The element is characterized in that the element is for the main part made of hard plastic, but on the bottom side of the flange part (2) and inside the dome-like part (1) up to the level of the highest point of the arched portions (5, 6) there is a layer of soft rubber-like plastic, which inside the dome-like part (1) is thinner than in the flange part (2), and that on the area between the flange part (2) and the dome-like part (1) there are formed bellows parts (8) extending between said arched portions (5, 6) of the flange part (2), and having walls being totally or for the main part made of soft rubber-like plastic, so that the flange part (2) when the element is being attached, is arranged to adapt for the form of corrugated tile profiled metal sheet roofings of different forms and heights, whereby only the upper parts of the arched portions (5, 6) at the flange part (2) are form-stable and rigidly connected to the dome-like part (1) of the element.

IPC 8 full level

E04D 1/30 (2006.01); **E04D 13/14** (2006.01); **E04D 13/147** (2006.01)

CPC (source: EP FI)

E04D 1/30 (2013.01 - FI); **E04D 13/14** (2013.01 - FI); **E04D 13/1476** (2013.01 - EP)

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009144377 A1 20091203; EA 018243 B1 20130628; EA 201071376 A1 20110630; EP 2307632 A1 20110413; EP 2307632 A4 20121205; EP 2307632 B1 20130724; FI 121021 B 20100615; FI 20085505 A0 20080528; FI 20085505 A 20091129; PL 2307632 T3 20131231; UA 99658 C2 20120910

DOCDB simple family (application)

FI 2009050440 W 20090526; EA 201071376 A 20090526; EP 09754030 A 20090526; FI 20085505 A 20080528; PL 09754030 T 20090526; UA A201015692 A 20090526