

Title (en)  
Highly insulated prefabricated element

Title (de)  
Stark isoliertes Fertigteil

Title (fr)  
Élément préfabriqué hautement isolé

Publication  
**EP 2423402 B1 20150826 (FR)**

Application  
**EP 11179370 A 20110830**

Priority  
BE 201000515 A 20100831

Abstract (en)  
[origin: EP2423402A2] The element has an insulating layer (3) attached to a concrete shear wall (2), where the layer is made of polyurethane foam. The layer includes fixation units for assuring the indifferent fixation of any type of outer roofings or coverings (4) on a free surface of the layer and ensuring the transfer of loads from the roofings or coverings to the concrete shear wall. The fixation units include a U shaped section (6) arranged partially in the layer, an anchoring element (5) fixed to the section, and assembling elements (9) allowing the assembly of the roofings or coverings to the section. The roofings or coverings are claddings in wood, metal, parging, masonry, natural stone or paint, tiles, shingles, slates, photovoltaic panels, metal roofs or flat roof seals. An independent claim is also included for an air lock or closed carcass comprising an air seal.

IPC 8 full level  
**E04B 7/22** (2006.01); **E04B 1/14** (2006.01); **E04B 1/80** (2006.01); **E04C 2/288** (2006.01)

CPC (source: EP)  
**E04B 1/14** (2013.01); **E04B 1/80** (2013.01); **E04B 7/225** (2013.01); **E04C 2/288** (2013.01); **E04B 1/046** (2013.01); **E04B 1/4171** (2013.01); **E04F 13/08** (2013.01)

Cited by  
CN105756236A; EP3995642A1; BE1028781B1; WO2020152287A1

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)  
**EP 2423402 A2 20120229; EP 2423402 A3 20120620; EP 2423402 B1 20150826**; BE 1019464 A3 20120703

DOCDB simple family (application)  
**EP 11179370 A 20110830**; BE 201000515 A 20100831