

Title (en)

IMPROVED BUILDING WALL OR ROOF SYSTEM COMPRISING FIBROUS INSULATION

Title (de)

VERBESSERTES GEBÄUDEWAND- ODER DACHSYSTEM MIT FASERISOLATION

Title (fr)

CONSTRUCTION AMÉLIORÉE D'UN SYSTÈME DE MUR OU DE TOIT COMPRENANT UNE ISOLATION FIBREUSE

Publication

EP 3150772 A1 20170405 (EN)

Application

EP 15188164 A 20151002

Priority

EP 15188164 A 20151002

Abstract (en)

A wall or roof system (1) comprising a structural element (2) having a first (21) and a second side (22); an insulation element (3) having first (31) and second (32) major surfaces, the insulation element (3) arranged with its first major surface (31) proximal to the second side (22) of the structural element (2), the insulation element (3) comprising an internal layer (4) proximal to the structural element (2), and an external layer (5) distal from the structural element (2), both layers being distinct and both layers extending in the length and width direction of the insulation element (3); a spacer fastening device (6) for fixation of the insulation element (3) to the structural element (2), spacer fastening device (6) adapted to hold the second major surface (32) of the insulation element (3) spaced at a defined distance from the second side (22) of the structural element (22), this distance being adjustable by acting on the spacer fastening device (6); wherein the external layer (5) comprises fibrous insulating material with a density lower than 140 kg/m³; and the fibrous insulating material in the external layer (5) has a laminar configuration of the fibers.

IPC 8 full level

E04B 1/76 (2006.01)

CPC (source: EP)

E04B 1/7633 (2013.01); **E04B 1/762** (2013.01)

Citation (applicant)

- WO 2005068574 A1 20050728 - ROCKWOOL INT [DK], et al
- US 2004051205 A1 20040318 - BOUQUET FRANCOIS [FR], et al
- EP 2666919 A2 20131127 - RANIT BEFESTIGUNGSSYSTEME GMBH [DE]
- EP 2216454 A2 20100811 - UNGER DIFFUTHERM GMBH [DE]
- WO 2014090707 A1 20140619 - KNAUF INSULATION [BE]

Citation (search report)

- [XDI] WO 2014090707 A1 20140619 - KNAUF INSULATION [BE]
- [XII] EP 2180104 A1 20100428 - ROCKWOOL INT [DK]

Cited by

EP4006247A1; EP4006246A1; WO2022112544A1; CN113266084A; EP4134230A1; WO2023016953A1

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 3150772 A1 20170405; **EP 3150772 B1 20230712**; **EP 3150772 C0 20230712**; EA 036877 B1 20201230; EA 201890846 A1 20181031; ES 2955352 T3 20231130; PL 3150772 T3 20240103; WO 2017055478 A1 20170406

DOCDB simple family (application)

EP 15188164 A 20151002; EA 201890846 A 20160929; EP 2016073308 W 20160929; ES 15188164 T 20151002; PL 15188164 T 20151002