

Title (en)

A BINDING ELEMENT FOR A BUILDING WALL STRUCTURE

Title (de)

BINDEGLIED FÜR EINE GEBÄUDEWANDSTRUKTUR

Title (fr)

ÉLÉMENT DE LIAISON POUR STRUCTURE DE MUR DE BÂTIMENT

Publication

EP 2748382 A1 20140702 (EN)

Application

EP 12735915 A 20120720

Priority

- EP 11178394 A 20110823
- EP 2012064319 W 20120720
- EP 12735915 A 20120720

Abstract (en)

[origin: EP2562318A1] A binding element for a building wall structure, wherein said binding element has a minimum tensile strength of at least 100 N/mm² and said binding element comprises an elongated steel element coated with a thermoplastic material. The building wall structure comprising an inner wall, an outer wall spaced from said inner wall and provided with at least one insulation layer(s) in between, at least one binding element comprising an elongated steel element coated with a thermoplastic material interconnecting said outer wall and inner wall through the insulation layer, wherein ends of said binding element is fixed to the said outer wall and said inner wall respectively and wherein middle portion of said binding element is in contact with the said insulation layer(s). The binding element may comprise a intermediate metallic coating selected from a group consisting of copper, copper alloy, zinc, zinc alloy, nickel, nickel alloy, tin or tin alloy or combinations thereof.

IPC 8 full level

E04B 1/41 (2006.01); **E04B 1/76** (2006.01)

CPC (source: EP US)

E04B 1/4178 (2013.01 - EP US); **E04B 1/4185** (2013.01 - EP US); **E04B 1/7616** (2013.01 - EP US)

Citation (search report)

See references of WO 2013026641A1

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)

EP 2562318 A1 20130227; AU 2012299767 A1 20140227; CA 2844506 A1 20130228; CN 103814180 A 20140521; EP 2748382 A1 20140702; US 2014202098 A1 20140724; WO 2013026641 A1 20130228

DOCDB simple family (application)

EP 11178394 A 20110823; AU 2012299767 A 20120720; CA 2844506 A 20120720; CN 201280040696 A 20120720; EP 12735915 A 20120720; EP 2012064319 W 20120720; US 201214240242 A 20120720