

Title (en)

HEAT COMPOSITE SYSTEM BASED ON POLYURETHANE RIGID FOAM FOR BUILDING FAÇADES

Title (de)

WÄRMEVERBUNDSYSTEM BASIEREND AUF POLYURETHANHARTSCHAUM FÜR GEBÄUDEFASSADEN

Title (fr)

SYSTÈME COMPOSITE THERMIQUE À BASE DE MOUSSE DE POLYURÉTHANE POUR FAÇADES D'IMMEUBLE

Publication

EP 3175053 A1 20170607 (DE)

Application

EP 15735712 A 20150714

Priority

- EP 14179252 A 20140731
- EP 2015066034 W 20150714

Abstract (en)

[origin: WO2016015993A1] The present invention relates to a method for producing a composite element, at least comprising steps of providing a cover layer having an uncoated surface and a coated surface, which is at least partially coated with a composition (B) comprising at least one inorganic material, treating the uncoated surface of the cover layer, and applying a composition (Z2), which is suitable for producing a polyurethane and/or polyisocyanurate foam, to the treated surface of the cover layer. The present invention further relates to a composite element obtainable or obtained according to a method according to the invention and to the use of a composite element obtainable or obtained according to a method according to the invention or of a composite element according to the invention as an insulating material or in façade construction.

IPC 8 full level

B32B 5/18 (2006.01); **B32B 5/20** (2006.01); **B32B 5/22** (2006.01); **B32B 5/24** (2006.01); **B32B 5/32** (2006.01); **B32B 7/12** (2006.01); **B32B 15/08** (2006.01); **B32B 15/095** (2006.01); **B32B 15/14** (2006.01); **B32B 15/16** (2006.01); **B32B 27/08** (2006.01); **B32B 27/12** (2006.01); **B32B 27/18** (2006.01); **B32B 27/20** (2006.01); **B32B 27/40** (2006.01); **E04B 1/76** (2006.01)

CPC (source: EP KR US)

B05D 1/02 (2013.01 - US); **B05D 1/28** (2013.01 - US); **B32B 5/18** (2013.01 - EP US); **B32B 5/20** (2013.01 - EP US); **B32B 5/22** (2013.01 - EP US); **B32B 5/24** (2013.01 - EP US); **B32B 5/32** (2013.01 - EP US); **B32B 7/12** (2013.01 - EP US); **B32B 15/08** (2013.01 - EP US); **B32B 15/095** (2013.01 - EP US); **B32B 15/14** (2013.01 - EP US); **B32B 15/16** (2013.01 - EP US); **B32B 27/08** (2013.01 - EP US); **B32B 27/12** (2013.01 - EP US); **B32B 27/18** (2013.01 - EP US); **B32B 27/20** (2013.01 - EP US); **B32B 27/40** (2013.01 - EP US); **B32B 37/24** (2013.01 - KR); **B32B 38/0008** (2013.01 - KR); **C09D 175/04** (2013.01 - KR); **E04B 1/762** (2013.01 - EP KR US); **B32B 2037/243** (2013.01 - KR); **B32B 2255/06** (2013.01 - EP US); **B32B 2255/062** (2013.01 - EP US); **B32B 2255/20** (2013.01 - EP US); **B32B 2255/26** (2013.01 - EP US); **B32B 2255/28** (2013.01 - EP US); **B32B 2260/025** (2013.01 - EP US); **B32B 2260/046** (2013.01 - EP US); **B32B 2266/0278** (2013.01 - EP US); **B32B 2307/304** (2013.01 - EP KR US); **B32B 2307/7246** (2013.01 - EP US); **B32B 2310/14** (2013.01 - KR); **B32B 2607/00** (2013.01 - EP US); **E04B 2001/7691** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2016015993A1

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)

WO 2016015993 A1 20160204; CA 2956407 A1 20160204; CN 106794668 A 20170531; CN 115352140 A 20221118; EP 3175053 A1 20170607; JP 2017532185 A 20171102; JP 6768635 B2 20201014; KR 20170039265 A 20170410; MX 2017001463 A 20170508; US 2017209897 A1 20170727

DOCDB simple family (application)

EP 2015066034 W 20150714; CA 2956407 A 20150714; CN 201580053280 A 20150714; CN 202211024658 A 20150714; EP 15735712 A 20150714; JP 2017505462 A 20150714; KR 20177005794 A 20150714; MX 2017001463 A 20150714; US 201515500399 A 20150714