

Title (en)  
INSULATION SYSTEM FOR COVERING A FACADE OF A BUILDING

Title (de)  
ISOLIERSYSTEM ZUR ABDECKUNG EINER GEBÄUDEFASSADE

Title (fr)  
SYSTÈME D'ISOLATION POUR COUVRIR UNE FAÇADE D'UN BÂTIMENT

Publication  
**EP 2670924 B1 20210811 (EN)**

Application  
**EP 12701839 A 20120131**

Priority

- EP 11000734 A 20110131
- EP 2012000430 W 20120131
- EP 12701839 A 20120131

Abstract (en)  
[origin: WO2012104067A1] This invention relates to an improved insulation system for covering a facade of a building consisting of at least one insulation element (3), at least one mechanical fastener (4), which fastener fixes the insulation element (3) to the facade (2) of the building, and a rendering system (5) being arranged on the outer surface of the insulation element (3) whereby the insulation element has at least a first and a second layer being connected to each other; whereby the first layer being directed to the facade having a bulk density being lower than the bulk density of the second layer and whereby at least one layer is made of mineral fibres, especially stone wool fibres and a binding agent, or of cellular plastic, especially expanded polystyrene (EPS). To achieve an insulation system which has very good insulation characteristics, which can be produced for low costs and which can be fixed to the facade of a building without causing high labour costs the insulation element (3) has a third layer (10) made of mineral fibres and a binding agent, which third layer (10) has a bulk density being higher than the bulk density of the second layer (9) and which third layer (10) has a high receptiveness and/or adhesion for the rendering system (5) without using any surface primer, coating and/or an additive.

IPC 8 full level  
**E04B 1/76** (2006.01)

CPC (source: EP US)  
**E04B 1/762** (2013.01 - EP US); **E04B 1/7633** (2013.01 - EP US); **E04F 13/0866** (2013.01 - US); **E04B 2001/7683** (2013.01 - EP US)

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)  
**WO 2012104067 A1 20120809; WO 2012104067 A8 20130815**; CA 2824924 A1 20120809; CN 103403273 A 20131120;  
CN 103403273 B 20160525; EA 201370147 A1 20131129; EP 2670924 A1 20131211; EP 2670924 B1 20210811; EP 3919700 A1 20211208;  
EP 3919700 B1 20240619; PL 2670924 T3 20211227; US 2014318068 A1 20141030

DOCDB simple family (application)  
**EP 2012000430 W 20120131**; CA 2824924 A 20120131; CN 201280007224 A 20120131; EA 201370147 A 20120131; EP 12701839 A 20120131;  
EP 21188512 A 20120131; PL 12701839 T 20120131; US 201213983000 A 20120131