

Title (en)  
Insulation system

Title (de)  
Dämmsystem

Title (fr)  
Système d'isolation

Publication  
**EP 2216454 A2 20100811 (DE)**

Application  
**EP 09007449 A 20090605**

Priority  
DE 202009001532 U 20090206

Abstract (en)  
The insulating system has two modular insulating boards combined with each other, and an insulation plug (3) with socket. The insulating system has a rigid insulating board as carrier plate module (1) and another flexible insulation board as corrective plate module (2). The former insulating board has a density between 180 to 280 kilograms per cubic meters. The latter insulating board has a density between 30 to 80 kilograms per cubic meters. The raw material bases for the insulating system are lignocellulose and non-plant raw materials, e.g. mineral fibers, rock wool or glass wool. An independent claim is included for a two-layered, modular, combined insulating board on bases of lignocellulose or non-plant raw materials.

Abstract (de)  
Dämmsystem aus zwei modular miteinander kombinierten Dämmplatten (1, 2) sowie einem für das System konzipierten Dämmstoffdübel (3) mit Schraube (4), wobei das System eine biege feste, eine Rohdichte zwischen 180 und 280 kg/m<sup>3</sup> aufweisende, die Außenfläche des Dämmsystems bildende erste Dämmplatte als Modulträgerplatte (1) und eine flexible, eine Rohdichte zwischen 30 und 80 kg/m<sup>3</sup> aufweisende zweite Dämmplatte als Modulausgleichsplatte (2) aufweist.

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

CPC (source: EP)  
**E04B 1/762** (2013.01); **E04B 1/7629** (2013.01); **E04D 11/02** (2013.01); **E04D 13/16** (2013.01); **E04F 13/045** (2013.01); **E04F 13/0835** (2013.01)

Citation (applicant)  
• DE 29811976 U1 19990107 - FITZE HERBERT [DE], et al  
• DE 10146174 A1 20030410 - CALSITHERM SILIKATBAUSTOFFE [DE]  
• WO 03012220 A1 20030213 - SAINT GOBAIN ISOVER [FR], et al  
• DE 29517568 U1 19960111 - UNGER BERND [DE]

Cited by  
CN102177826A; CN102138467A; EP4006247A1; EP3348725A1; WO2018130648A1; EP3150772A1; WO2017055478A1; EP4006246A1; WO2022112544A1; EP3150773A1; WO2017055479A1

Designated contracting state (EPC)  
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 SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 202009001532 U1 20090416**; EP 2216454 A2 20100811; EP 2216454 A3 20121003; EP 2216454 B1 20140430; PL 2216454 T3 20140930

DOCDB simple family (application)  
**DE 202009001532 U 20090206**; EP 09007449 A 20090605; PL 09007449 T 20090605