

Title (en)

Sandwich panel, assembly with two sandwich panels and a half-product for the manufacture of such a sandwich panel

Title (de)

Sandwichpaneel, Anordnung aus zwei Sandwichpaneelen sowie Halbzeug für die Herstellung eines solchen Sandwichpaneels

Title (fr)

Panneau composite, assemblage de deux panneaux composites et un demi-produit pour la fabrication d'un tel panneau

Publication

**EP 1375770 A2 20040102 (DE)**

Application

**EP 03014826 A 20030630**

Priority

DE 20210072 U 20020628

Abstract (en)

Sandwich panel comprises an insulating layer (5) arranged between and connected to an outer and an inner covering layer (2, 3). The outer side of the outer covering layer is covered with a sealing layer (4). The panel is joined to a further sandwich panel using a device for joining the front sides of the two panels and anchoring the two covering layers with the external borders in the insulating layers. The sealing layer is thick enough so that it softens by thermal and/or chemical treatment. Independent claims are also included for: (1) an arrangement consisting of at least two sandwich panels; and (2) a semi-finished material for the production of the sandwich panel.

Abstract (de)

Ein Sandwichpaneel (1,1') mit einer zwischen einer äußeren und einer inneren Blechdeckschicht (2) eingeschlossenen und mit den Blechdeckschichten (2) verbundenen Dämmstoffschicht (5), wobei die Außenseite der äußeren Blechdeckschicht (3) mit einer Abdichtungsschicht (4) beschichtet ist. <IMAGE>

IPC 1-7

**E04B 7/20**

IPC 8 full level

**E04C 2/292** (2006.01); **E04D 3/35** (2006.01); **E04F 13/08** (2006.01); **E04F 13/12** (2006.01)

CPC (source: EP)

**E04C 2/292** (2013.01); **E04D 3/352** (2013.01); **E04D 3/358** (2013.01); **E04F 13/0878** (2013.01); **E04F 13/12** (2013.01)

Cited by

JP2012172478A; RU2707230C2; EP3832049A1; FR3103838A1; FR3103839A1; EP2481568A1; GB2423316A; GB2423316B; JP2017020192A; WO2020210890A1; WO2016050784A1; WO2007141379A1; WO2005059265A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 20210072 U1 20021002**; EP 1375770 A2 20040102; EP 1375770 A3 20050921

DOCDB simple family (application)

**DE 20210072 U 20020628**; EP 03014826 A 20030630