

Title (en)

A SYSTEM FOR INSULATING AND FINISHING WALLS

Title (de)

SYSTEM FÜR WÄRMEDÄMMENDE UND VERKLEIDUNGSWÄNDE

Title (fr)

SYSTÈME POUR MURS D'ISOLATION THERMIQUE ET D'HABILLAGE

Publication

EP 3208401 A1 20170823 (EN)

Application

EP 17156285 A 20170215

Priority

- BE 201605122 A 20160222
- BE 201705095 A 20170214

Abstract (en)

The insulation and finishing system includes rectangular panels that are composed of a thermally and/or acoustically insulating foam panel (1) covered with a flat, solid cladding panel (2). One longitudinal side of the cladding panel (2) is provided with a groove (8) and the opposite longitudinal side with a tongue (9) while one longitudinal side of the foam panel (1) is also provided with a groove (12) and the opposite longitudinal side with a tongue (13) to form a double tongue-and-groove joint. The groove (8) in the cladding panel (2) is formed by an outer groove wall (16) and by an inner groove wall (17) which exhibits a portion which protrudes beyond the outer groove wall (16). In order to be able to fix the panels in a simple, fast, and cheap way, this is done by means of screws (18) which are screwed through the panel, and more specifically through the protruding portion of the inner groove wall (17) in such a way that the screws (18) are hidden from view by the adjacent panel.

IPC 8 full level

E04C 2/24 (2006.01); **E04C 2/00** (2006.01); **E04F 13/08** (2006.01)

CPC (source: EP)

E04C 2/243 (2013.01); **E04C 2/246** (2013.01); **E04F 13/0876** (2013.01); **E04F 13/0878** (2013.01); **E04F 13/18** (2013.01); **E04C 2002/004** (2013.01); **E04F 2201/025** (2013.01)

Citation (applicant)

- DE 202007010293 U1 20080821 - JOSEF MANG GMBH & CO KG [DE]
- FR 3013354 A1 20150522 - INNOVATION DE RECYCLAGE TEXTILES ET MATERIAUX ALVEOLAIRES INNORTEX SOC D [FR], et al
- FR 3013344 A1 20150522 - MAISONS DU MONDE [FR], et al

Citation (search report)

- [A] DE 202007010293 U1 20080821 - JOSEF MANG GMBH & CO KG [DE]
- [A] US 2015375471 A1 20151231 - SONG JINCHENG [CN]
- [A] DE 20016475 U1 20010208 - BAUELEMENTE GMBH F J LINZMEIER [DE]
- [A] DE 102010040775 A1 20120315 - EVONIK DEGUSSA GMBH [DE], et al
- [A] GB 2137251 A 19841003 - NEW ZEALAND GUARDIAN TRUST COM
- [A] US 5437934 A 19950801 - WITT ALVIN E [US], et al

Cited by

EP3868975A3; WO2021076035A3; WO2022260625A1

Designated contracting state (EPC)

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