

Title (en)
Sandwich panel and panel system

Title (de)
Sandwichpaneel und Paneelsystem

Title (fr)
Panneaux sandwich et systeme de panneaux

Publication
EP 2657426 A2 20131030 (EN)

Application
EP 13164873 A 20130423

Priority
FI 20125458 A 20120426

Abstract (en)
The object of the invention is a sandwich panel (1) comprising a mineral wool core (2) placed between and fixed to a first shell element (7a) and a second shell element (7b), wherein each shell element in one end of the panel (1) is formed into or is provided with a tongue or groove (3a, 3b or 8a, 8b), and in the opposite end of the panel (1) is formed into or provided with a tongue or groove (3a, 3b or 8a, 8b). At least one of said two shell elements (7a, 7b) is in at least one of the ends of the panel, where the shell element is not formed into or provided with a tongue or groove (3a, 3b or 8a, 8b), provided with a waterproof and concurrently vapor permeable band (6), which partly is fixed (6a) on top of the shell element (7b) such that it covers the shell element (7b) in a longitudinal area extending along the edge of the entire shell element and in addition at least some way over at least one of the tongues or grooves and which partly has a freestanding portion (6b) extending along said longitudinal area freely out over the end of the panel, and that this freestanding portion is provided with adhesive means, such that the freestanding portion correspondingly can be attached on top of a shell element (7b) of an adjacent panel (1).

IPC 8 full level
E04F 13/08 (2006.01); **E04F 13/12** (2006.01)

CPC (source: EP FI)
E04B 1/61 (2013.01 - FI); **E04B 1/68** (2013.01 - FI); **E04C 2/292** (2013.01 - FI); **E04F 13/0876** (2013.01 - EP); **E04F 13/0892** (2013.01 - EP); **E04F 13/0898** (2013.01 - EP); **E04F 13/12** (2013.01 - EP)

Cited by
WO2024052078A1; RU2717595C2; JP2017002682A; EP3130721A1; RU2640834C1; WO2019238691A1

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)
EP 2657426 A2 20131030; **EP 2657426 A3 20170614**; **EP 2657426 B1 20181205**; FI 20125458 L 20131027; LT 2657426 T 20190312; PL 2657426 T3 20190531

DOCDB simple family (application)
EP 13164873 A 20130423; FI 20125458 A 20120426; LT 13164873 T 20130423; PL 13164873 T 20130423