

Title (en)

A WALL SYSTEM AS WELL AS A WALL BOARD AND A METHOD FOR BUILDING A WALL

Title (de)

WANDSYSTEM SOWIE WANDTAFEL UND WANDBAUVERFAHREN

Title (fr)

SYSTÈME DE PAROI, PANNEAU DE PAROI ET PROCÉDÉ DESTINÉ À CONSTRUIRE UNE PAROI

Publication

EP 2089587 A1 20090819 (EN)

Application

EP 07835224 A 20071119

Priority

- SE 2007001026 W 20071119
- SE 0602468 A 20061117

Abstract (en)

[origin: WO2008060230A1] The invention relates to a wall system for building a wall, comprising first (1) and second (2) board layers on opposite sides of the wall, which each are made up of wall boards (3) which are mounted edge-to-edge and which are adapted to be placed with their board joints opposite each other, wall boards completely put together edge-to-edge resulting in the forming of board joints (4) between the wall boards substantially tight on an outside of the respective board layers, connecting studs (5") for connecting the wall boards at boundary edges of the wall to connecting walls (6), floor, window portions, doors (7) and/or ceiling, and coupling elements (191), which each are exteriorly invisibly connectable to each of the insides of the first and second board layers in the area of a board joint to ensure cooperation between the board layers, and, thus, stabilisation of the wall. The wall boards (3) are, at least along the edges that are to be mounted adjacent to each other, exteriorly invisibly connectable to each other to provide locking of the wall boards relative to each other in respect of forces acting both in the plane of the wall boards and perpendicular to the plane of the wall boards, and the wall system further comprises clamping elements (8) which are mountable on the connecting studs (5") for pressing the wall boards against the connecting studs to provide a movable connection of the wall boards to the connecting studs.

IPC 8 full level

E04B 2/74 (2006.01); **E04B 1/61** (2006.01); **E04B 2/78** (2006.01); **E04B 2/82** (2006.01)

CPC (source: EP SE)

E04B 2/7453 (2013.01 - EP SE); **E04B 2/7854** (2013.01 - SE); **E04B 1/615** (2013.01 - EP); **E04B 2/7854** (2013.01 - EP); **E04B 2/828** (2013.01 - EP); **E04B 2002/7462** (2013.01 - EP)

Cited by

CN111827524A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2008060230 A1 20080522; EP 2089587 A1 20090819; EP 2089587 A4 20141022; SE 0602468 L 20080518

DOCDB simple family (application)

SE 2007001026 W 20071119; EP 07835224 A 20071119; SE 0602468 A 20061117