

Title (en)  
WALL CONSTRUCTION PANEL AND WALL BUILDING SYSTEM FOR EXHIBITION STAND CONSTRUCTION

Title (de)  
WANDBAUPLATTE UND WANDBAUSYSTEM FÜR DEN MESSEBAU

Title (fr)  
PANNEAU DE MUR ET SYSTEME DE PANNEAUX DE MUR POUR LA CONSTRUCTION DE STAND D'EXPOSITION

Publication  
**EP 3130716 B1 20171025 (DE)**

Application  
**EP 15180426 A 20150810**

Priority  
EP 15180426 A 20150810

Abstract (en)  
[origin: WO2017025508A1] The invention relates to a wall construction panel (1) for constructing walls in exhibition construction, comprising four frame elements (2, 3, 4), which each have a groove and can be connected in order to form a rectangular frame having a peripheral frame groove facing the frame interior, wherein the frame groove is formed by the grooves of the frame elements (2, 3, 4) and a panel (5) is inserted into the frame groove, wherein two of the four frame elements (2, 3, 4) are designed as frame elements (2, 3) extending in a vertical direction Y, of which one is designed as a post element (2) and the other is designed as an edge element (3), wherein the two other of the four frame elements (2, 3, 4) are designed as case elements (4) extending in a horizontal direction X, wherein the case elements (4) each lie against the post element (2) by means of a horizontal end, wherein the edge element (3) is arranged between the case elements (4) by means of a first horizontal segment (31) and protrudes beyond the case elements (4) horizontally by means of a second horizontal segment (32). The edge element (3) is formed by a single-piece metal or plastic element and has a cross-section designed as a U shape perpendicularly to the vertical direction Y, wherein the U shape is open toward the frame interior and is formed by two side walls (30), which are spaced apart from each other across the first horizontal segment (31) and are connected to each other only in the second horizontal segment (32), wherein, in the second horizontal segment (32), the edge element (3) has a maximum width in a transverse direction Z perpendicular to the horizontal direction and perpendicular to the vertical direction that is less than a width of the groove of the post element (2) in the transverse direction Z, wherein, in particular, the post element (2) has at least one accommodating groove, which is identical to the groove of the post element (2) into which the panel (5) is inserted.

IPC 8 full level  
**E04B 2/74** (2006.01); **E04B 2/76** (2006.01)

CPC (source: CN EP US)  
**E04B 2/72** (2013.01 - US); **E04B 2/74** (2013.01 - US); **E04B 2/7407** (2013.01 - US); **E04B 2/7425** (2013.01 - CN EP US); **E04B 2/766** (2013.01 - CN EP US); **E04B 2/7836** (2013.01 - US); **E04B 2/789** (2013.01 - US)

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

DOCDB simple family (publication)  
**EP 3130716 A1 20170215**; **EP 3130716 B1 20171025**; CN 108112259 A 20180601; CN 108112259 B 20191213; HK 1255047 A1 20190802; US 10711458 B2 20200714; US 2018230694 A1 20180816; WO 2017025508 A1 20170216

DOCDB simple family (application)  
**EP 15180426 A 20150810**; CN 201680053940 A 20160808; EP 2016068883 W 20160808; HK 18114171 A 20181107; US 201615751852 A 20160808