

Title (en)
Composite wall

Title (de)
Wandverbund

Title (fr)
Structure de paroi composite

Publication
EP 2138642 A2 20091230 (DE)

Application
EP 09450122 A 20090629

Priority
AT 10292008 A 20080627

Abstract (en)
The wall has two wall elements (10, 20) arranged adjacent to each other around an angle. The wall element (10) stays in contact with the wall element (20) by connecting edges (11, 21), which are arranged parallel to each other. A connection element (1) is fixed at front sides (12, 22) of the wall elements by a fastening unit (2) such as screw, nail or threaded rod. The connection element is made of a metal, and is provided with a borehole (3) for receiving the fastening unit. The wall elements are designed as frame element or plate element.

Abstract (de)
Wandverbund, insbesondere für Holzfertigteilhäuser, umfassend wenigstens zwei benachbarte gegeneinander um den Winkel \pm versetzt angeordnete Wandelemente (10,20), wobei das erste Wandelement (10) mit dem zweiten Wandelement (20) über jeweils zumindest eine Verbindungskante (11,21) in Berührungskontakt stehen und wobei die Verbindungskanten (11,21) der Wandelemente (10,20) parallel zueinander angeordnet sind, wobei ein Verbindungselement (1), das an den Stirnseiten (12,22) beider benachbarter Wandelemente mit Befestigungsmitteln (2) wie Schrauben, Nägeln, Gewindestangen oder dgl. festgelegt ist.

IPC 8 full level
E04B 1/10 (2006.01); **E04B 2/70** (2006.01); **E04B 1/61** (2006.01)

CPC (source: EP)
E04B 1/10 (2013.01); **E04B 2/707** (2013.01); **E04B 2001/6195** (2013.01)

Cited by
CN105401670A; CN108797792A; AT16744U1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2138642 A2 20091230; **EP 2138642 A3 20110126**; AT 507059 A1 20100115; AT 507059 B1 20120915

DOCDB simple family (application)
EP 09450122 A 20090629; AT 10292008 A 20080627