

Title (en)

Use of a wall element for a building and of a composite wood panel

Title (de)

Verwendung eines Gebäudewandelements und einer Holzlagenverbundplatte

Title (fr)

Utilisation d'un élément de paroi pour un bâtiment et d'un un élément composite de bois

Publication

EP 1734200 A1 20061220 (DE)

Application

EP 05020614 A 20050921

Priority

IT BZ20050031 A 20050617

Abstract (en)

The wall unit has plies (1) comprising woods (2) that are parallelly arranged in layers. The plies are connected with one another by grooves (3) lying opposite to one another and dovetail battens (4) inserted in the grooves, where wood fiber pathway of the woods runs parallel to a main load direction. The woods have connection assemblies (5) with recesses running over length of the woods, where a front area of each recess is spaced apart from the woods and forms an expansion joint. An independent claim is also included for a wood plier composite panel comprising pliers.

IPC 8 full level

E04C 2/12 (2006.01)

CPC (source: EP)

E04C 2/12 (2013.01)

Citation (applicant)

- DE 3408608 C2 19860925
- EP 1097032 B1 20020925 - THOMA ERWIN [AT]

Citation (search report)

- [DY] US 6534143 B1 20030318 - THOMA ERWIN [AT]
- [Y] FR 2659703 A1 19910920 - FRIZOT ROGER
- [A] GB 2090886 A 19820721 - HUGHES & ALLEN LTD
- [DA] DE 3408608 A1 19850912 - FRITZ HUBERT

Cited by

DE102015005042A1; EP2821191A1; EP2060694A1; US2017183869A1; DE102010061929A1; AT14756U1; EP2316624A3; DE102016001213A1; CN107386525A; EP2080845A1; EP3569781A1; DE202008014889U1; WO2019180076A1; WO2014125435A2; DE202008017498U1; WO2014125435A3; WO2015000747A3; DE202016102078U1; DE212015000085U1; EP1995387A2; DE202014105246U1; DE102013112054A1; EP3129564B1; EP2896761A1; EP3741921A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1734200 A1 20061220; EP 1734200 B1 20111228; AT E539206 T1 20120115; IT BZ20050031 A1 20061218; PL 1734200 T3 20120531

DOCDB simple family (application)

EP 05020614 A 20050921; AT 05020614 T 20050921; IT BZ20050031 A 20050617; PL 05020614 T 20050921