

Title (en)
BUILDING PANELS OF SOLID WOOD

Title (de)
BAUPLATTEN AUS MASSIVHOLZ

Title (fr)
PANNEAUX DE CONSTRUCTION EN BOIS MASSIF

Publication
EP 2864561 A4 20160629 (EN)

Application
EP 13782367 A 20130425

Priority
• SE 1250420 A 20120426
• US 201261638747 P 20120426
• SE 2013050458 W 20130425

Abstract (en)
[origin: WO2013162460A1] Building panels each comprise an upper first element 31 of solid wood fixed to a lower second element 32 of solid wood. The first and the lower second element are of different wood species. The building panels are provided with a mechanical locking system, which comprises a locking strip 6, at a first edge 5b of a first building panel 1. The locking strip provided with a locking element 8 configured to cooperate with a locking groove 14, at a second edge 5a of a second building panel 1a for horizontal locking of the first and the second building panels when a tension force is applied. The fibre direction FD of the first and the lower second elements 31, 32 is essentially along the first and the second edges 5b, 5a. The lower second element 32 has about the same or higher moisture shrinkage value than the first element. The locking strip comprises material of the lower second element (32).

IPC 8 full level
E04F 15/04 (2006.01)

CPC (source: EP RU)
E04F 15/045 (2013.01 - EP RU); **E04F 2201/0153** (2013.01 - EP); **E04F 2201/0161** (2013.01 - EP); **E04F 2201/043** (2013.01 - EP); **E04F 2201/045** (2013.01 - EP)

Citation (search report)
• [A] US 7665263 B2 20100223 - YAU PAUL [US]
• [A] US 2012066996 A1 20120322 - KONSTANCZAK MAREK [PL]
• [A] WO 2007149051 A1 20071227 - VERTIC HOLDING PTE LTD [SG], et al
• [A] DE 20217085 U1 20031224 - VERWEIJ MARCEL [NL]
• [A] WO 03087498 A1 20031023 - VALINGE ALUMINIUM AB [SE], et al
• See references of WO 2013162460A1

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)
WO 2013162460 A1 20131031; CA 2868400 A1 20131031; CA 2868400 C 20200204; CN 104220682 A 20141217; CN 104220682 B 20170613; EP 2864561 A1 20150429; EP 2864561 A4 20160629; EP 2864561 B1 20170614; RU 2014145347 A 20160620; RU 2613705 C2 20170321

DOCDB simple family (application)
SE 2013050458 W 20130425; CA 2868400 A 20130425; CN 201380019584 A 20130425; EP 13782367 A 20130425; RU 2014145347 A 20130425