

Title (en)
BUILDING PANELS PROVIDED WITH A MECHANICAL LOCKING SYSTEM

Title (de)
BAUPLATTEN MIT EINEM MECHANISCHEN VERSCHLUSSSYSTEM

Title (fr)
PANNEAUX DE CONSTRUCTION POURVUS D'UN SYSTÈME DE VERROUILLAGE MÉCANIQUE

Publication
EP 2964851 A4 20161026 (EN)

Application
EP 14760606 A 20140307

Priority
• SE 1350279 A 20130308
• US 201361774749 P 20130308
• SE 2014050285 W 20140307

Abstract (en)
[origin: WO2014137282A1] Building panels, such as floorboards, provided with a mechanical locking system. The mechanical locking system includes a displacement groove (32) at a first edge (1b) of a first floorboard and a tongue groove (33) at a second edge of a second floorboard (c). A tongue is arranged in the displacement groove and is configured to cooperate, in a second position, with the tongue groove for vertical locking of the first (1b) and the second edge (1c). The tongue includes, in a first position, an inner element and an outer element. The inner element is removable along the displacement groove, and is configured to cooperate with the outer element to obtain a displacement of the outer element towards the tongue groove and thereby obtain the second position. Said inner element(31) and said outer element(30) vertically overlap each other.

IPC 8 full level
E04F 15/02 (2006.01); **E04F 15/04** (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP)
E04F 15/02038 (2013.01); **E04F 15/10** (2013.01); **E04F 2201/0138** (2013.01); **E04F 2201/0146** (2013.01); **E04F 2201/0541** (2013.01); **E04F 2201/0547** (2013.01)

Citation (search report)
• [X] FR 2975716 A1 20121130 - ESPACE PRODUCTION INTERNATIONALE [FR]
• See references of WO 2014137282A1

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 2014137282 A1 20140912; CN 105026661 A 20151104; CN 105026661 B 20180727; EP 2964851 A1 20160113; EP 2964851 A4 20161026; EP 2964851 B1 20180516; EP 3392428 A1 20181024; EP 3392428 B1 20200429; PL 3392428 T3 20200810

DOCDB simple family (application)
SE 2014050285 W 20140307; CN 201480012062 A 20140307; EP 14760606 A 20140307; EP 18171009 A 20140307; PL 18171009 T 20140307