

Title (en)

BUILDING PANEL WITH A MECHANICAL LOCKING SYSTEM

Title (de)

BAUPLATTE MIT EINEM MECHANISCHEN ARRETIERUNGSSYSTEM

Title (fr)

PANNEAU DE CONSTRUCTION AYANT UN MÉCANISME DE VERROUILLAGE MÉCANIQUE

Publication

EP 2852722 A1 20150401 (EN)

Application

EP 13772407 A 20130403

Priority

- SE 1250346 A 20120404
- US 201261620233 P 20120404
- SE 2013050367 W 20130403

Abstract (en)

[origin: WO2013151494A1] The present invention relates to building panels 1, 1' provided with a mechanical locking system including a tongue 30, at an edge of a first panel 1, cooperating with a tongue groove 20, at an edge of an adjacent second panel 1', for vertical locking of the building panels. The edge of the first panel is provided with a displacement groove 60, which is downwardly open, and includes an inner wall 61, an outer wall 62, and an upper wall 67. The tongue 30 is formed out of the edge of the first panel. A resilient and displaceable part 66 of the tongue 30 is displaceable into the displacement groove 60.

IPC 8 full level

E04F 15/10 (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP RU)

E04F 15/02038 (2013.01 - EP RU); **E04F 15/102** (2013.01 - EP); **E04F 15/105** (2013.01 - EP); **E04F 2201/0146** (2013.01 - EP); **E04F 2201/021** (2013.01 - EP); **E04F 2201/041** (2013.01 - EP); **E04F 2201/042** (2013.01 - EP); **E04F 2201/043** (2013.01 - EP); **E04F 2201/049** (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2013151494 A1 20131010; CA 2867324 A1 20131010; CA 2867324 C 20200225; CN 104204379 A 20141210; CN 104204379 B 20161019; EP 2852722 A1 20150401; EP 2852722 A4 20160615; EP 2852722 B1 20170607; EP 3235971 A1 20171025; EP 3235971 B1 20181114; EP 3460143 A1 20190327; EP 3460143 B1 20220928; ES 2639512 T3 20171026; KR 102149414 B1 20200828; KR 20140144710 A 20141219; LT 2852722 T 20170810; PL 2852722 T3 20171031; PL 3235971 T3 20190329; PT 2852722 T 20170825; RU 2014142450 A 20160527; RU 2622945 C2 20170621

DOCDB simple family (application)

SE 2013050367 W 20130403; CA 2867324 A 20130403; CN 201380016242 A 20130403; EP 13772407 A 20130403; EP 17171768 A 20130403; EP 18205688 A 20130403; ES 13772407 T 20130403; KR 20147029519 A 20130403; LT 13772407 T 20130403; PL 13772407 T 20130403; PL 17171768 T 20130403; PT 13772407 T 20130403; RU 2014142450 A 20130403