

Title (en)

MECHANICAL LOCKING SYSTEM FOR FLOOR PANELS

Title (de)

MECHANISCHES ARRETIERUNGSSYSTEM FÜR BODENPLATTEN

Title (fr)

SYSTÈME DE VERROUILLAGE MÉCANIQUE POUR PANNEAUX DE PLANCHER

Publication

**EP 3333338 A1 20180613 (EN)**

Application

**EP 17206318 A 20120814**

Priority

- SE 1150739 A 20110815
- US 201161523571 P 20110815
- EP 12824478 A 20120814
- SE 2012050871 W 20120814

Abstract (en)

Building panels, especially floor panels are shown, which are provided with a vertical locking system on adjacent edges including a displaceable tongue (30) that has a main tongue body (31) and separate spring parts (40) attached to the body.

IPC 8 full level

**E04F 15/02** (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP RU)

**E04F 15/02** (2013.01 - EP RU); **E04F 2201/0146** (2013.01 - EP); **E04F 2201/0547** (2013.01 - EP)

Citation (search report)

- [I] DE 102007032885 A1 20090115 - FLOORING TECHNOLOGIES LTD [MT]
- [I] WO 2006043893 A1 20060427 - VAELINGE INNOVATION AB [SE], et al

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 2013025163 A1 20130221**; BR 112014002873 A2 20170221; BR 112014002873 A8 20180403; CA 2844377 A1 20130221; CA 2844377 C 20190903; CN 103748298 A 20140423; CN 103748298 B 20160817; EP 2744953 A1 20140625; EP 2744953 A4 20160525; EP 2744953 B1 20171213; EP 3333338 A1 20180613; EP 3333338 B1 20231101; KR 102058459 B1 20191223; KR 20140053261 A 20140507; MY 164223 A 20171130; RU 2014107913 A 20150927; RU 2611090 C2 20170221; TR 201802375 T4 20180321; UA 114483 C2 20170626

DOCDB simple family (application)

**SE 2012050871 W 20120814**; BR 112014002873 A 20120814; CA 2844377 A 20120814; CN 201280038812 A 20120814; EP 12824478 A 20120814; EP 17206318 A 20120814; KR 20147005586 A 20120814; MY PI2013004579 A 20120814; RU 2014107913 A 20120814; TR 201802375 T 20120814; UA A201402022 A 20120814