

Title (en)

METHOD FOR PRODUCING A MECHANICAL LOCKING SYSTEM FOR BUILDING PANELS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES MECHANISCHEN VERRIEGELUNGSSYSTEMS FÜR BAUPLATTEN

Title (fr)

PROCÉDÉ POUR FABRIQUER UN SYSTÈME DE VERROUILLAGE MÉCANIQUE POUR DES PANNEAUX DE CONSTRUCTION

Publication

**EP 2855795 A4 20160622 (EN)**

Application

**EP 13772042 A 20130403**

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Abstract (en)

[origin: WO2013151493A1] The present invention relates to building panels 1, 1' provided with a mechanical locking system comprising a tongue 30, at first edge 4a of a first building panel 1, cooperating with a tongue groove 20, at a second edge 4a of an adjacent second building panel 1', for vertical locking of the building panels and a method for producing such building panels 1, 1'. The method includes the step of forming the tongue of material of the first edge. The insertion groove (40) may have a sidewall (60) at a third edge (5a), which is adjacent the first edge (4a), and may be open at a fourth edge (5b), which is opposite the third edge.

IPC 8 full level

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Citation (search report)

- [XY] WO 2011001326 A2 20110106 - FLOORING IND LTD SARL [LU], et al
- [Y] WO 2008116623 A1 20081002 - KRONOTEC AG [CH], et al
- [Y] WO 2009116926 A1 20090924 - VAELINGE INNOVATION BELGIUM BV [BE], et al
- [A] DE 202007018935 U1 20091022 - FLOORING IND LTD [LU]
- See references of WO 2013151493A1

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