

Title (en)

Covering of mechanically interconnectable panels and method for producing such panels

Title (de)

Belag aus mechanisch miteinander verbindbaren Paneelen und Verfahren zur Herstellung dieser Paneele

Title (fr)

Revêtement fait de panneaux pouvant être assemblés mécaniquement les uns aux autres et procédé de fabrication de tels panneaux

Publication

**EP 2739803 A1 20140611 (DE)**

Application

**EP 12750990 A 20120724**

Priority

- DE 102011052335 A 20110801
- DE 2012100221 W 20120724

Abstract (en)

[origin: WO2013017128A1] Covering of mechanically interconnectable panels (1a, 2a) which can be mechanically locked to one another at their end faces (6, 9) via locking elements (3a), comprising the following features: an undercut retaining groove (3a) for accommodating a locking element (5a) extending in the longitudinal direction of the retaining groove (3a) is situated at an end face (6) of a first panel (1a); the locking element (5a) projects with a plurality of spaced-apart tongues (7a) from the end face (6) so as to engage in pockets (8) of an undercut locking groove (4a) in the opposite end face (9) of an adjacent panel (2a); the pockets (8) are open towards an underside (11) and towards the end face (9) of the adjacent panel (2a); the locking element (5a) is intended, by sliding one end of the locking element (5a) into the retaining groove (3a), to be at least partially displaced from the pockets (8) in the direction of the locking groove (4a) in order to secure the panels (1a, 2a) against a tensile force acting in the direction of the laying plane (V) of the panels (1a, 2a).

IPC 8 full level

**E04F 15/02** (2006.01)

CPC (source: EP)

**E04F 15/02038** (2013.01); **E04F 2201/0107** (2013.01); **E04F 2201/0169** (2013.01); **E04F 2201/03** (2013.01); **E04F 2201/0529** (2013.01); **E04F 2201/0541** (2013.01)

Citation (search report)

See references of WO 2013017128A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ 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)

**DE 102011052335 A1 20130207**; **DE 102011052335 A8 20130411**; **DE 102011052335 B4 20150917**; EP 2739803 A1 20140611; EP 2739803 B1 20180228; PL 2739803 T3 20180731; RU 2560032 C1 20150820; WO 2013017128 A1 20130207

DOCDB simple family (application)

**DE 102011052335 A 20110801**; DE 2012100221 W 20120724; EP 12750990 A 20120724; PL 12750990 T 20120724; RU 2014107711 A 20120724