

Title (en)
SELF-STABILIZED BASE LAYING UNIT AND BASE COVERING

Title (de)
SELBSTSTABILISIERTE UNTERGRUNDVERLEGEEINHEIT UND UNTERGRUNDBELAG

Title (fr)
UNITÉ DE SOUS-COUCHE AUTO-STABILISANTE ET REVÊTEMENT DE SOUS-COUCHE

Publication
EP 4060141 C0 20240103 (DE)

Application
EP 21163446 A 20210318

Priority
EP 21163446 A 20210318

Abstract (en)
[origin: WO2022194419A1] The invention relates to a substrate laying unit (100), in particular a floor panel or a wall panel, for floating installation on a substrate (200), the substrate laying unit (100) comprising: i) a wear layer (110) having a wood veneer, the wear layer having a first preferred direction (R1); ii) a stabilisation layer (120) having a material which exhibits substantially no swelling and shrinking behaviour in the event of a change in humidity; iii) a first support layer (130) having a second preferred direction (R2); iv) a second support layer (140) having a third preferred direction (R3); and v) a connecting structure (150) which is configured to provide a detachable connection to the substrate (200). The preferred directions (R1, R2, R3) are coordinated such that, in the event of changes in humidity, the substrate laying unit (100) is substantially self-stabilised with respect to swelling and shrinking behaviour.

IPC 8 full level
E04F 13/08 (2006.01); **E04F 13/10** (2006.01); **E04F 13/18** (2006.01); **E04F 15/02** (2006.01); **E04F 15/04** (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP)
E04F 13/0866 (2013.01); **E04F 13/10** (2013.01); **E04F 13/18** (2013.01); **E04F 15/02144** (2013.01); **E04F 15/041** (2013.01); **E04F 15/045** (2013.01); **E04F 15/105** (2013.01); **E04F 15/107** (2013.01)

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
EP 4060141 A1 20220921; **EP 4060141 B1 20240103**; **EP 4060141 C0 20240103**; WO 2022194419 A1 20220922

DOCDB simple family (application)
EP 21163446 A 20210318; EP 2021087764 W 20211229