

Title (en)

BORDERED PANELS, ESPECIALLY FOR WALLS AND CEILINGS

Title (de)

PANEELE MIT UMRANDUNG INSBESONDERE FÜR WÄNDE UND DECKEN

Title (fr)

PANNEAUX A BORDURE, NOTAMMENT POUR MURS ET PLAFONDS

Publication

EP 1769127 A1 20070404 (DE)

Application

EP 05731751 A 20050318

Priority

- EP 2005051273 W 20050318
- DE 102004022788 A 20040508
- DE 102004029879 A 20040619

Abstract (en)

[origin: WO2005108710A1] The invention relates to panels (1, 2) that can be interlinked without using glue. In the interlinked state of the panels, a cord (3) runs along the upper side of and between the panels. Said cord widens downwards and rests on the upper side of a spring (5) that forms the coupling element of a panel. The widening is preferably asymmetric. The inventive panels especially allow to provide a wall covering or a ceiling covering in an especially simple manner. The cord consists of a compressible material and prevents water from entering the gap between the panels. The design also compensates for effects related to expansion and shrinkage.

IPC 8 full level

E04F 13/08 (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP US)

E04F 13/0889 (2013.01 - EP US); **E04F 15/02** (2013.01 - EP US); **E04F 15/02016** (2013.01 - EP US); **E04F 2201/0115** (2013.01 - EP US)

Citation (search report)

See references of WO 2005108710A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005108710 A1 20051117; CA 2566087 A1 20051117; CA 2566087 C 20100504; DE 102004029879 A1 20051201; DE 102004029879 B4 20231214; EP 1769127 A1 20070404; EP 1769127 B1 20160511; NO 20065666 L 20061207; PL 1769127 T3 20161130; RU 2006138683 A 20080620; RU 2383696 C2 20100310; US 2008209841 A1 20080904; US 7975451 B2 20110712

DOCDB simple family (application)

EP 2005051273 W 20050318; CA 2566087 A 20050318; DE 102004029879 A 20040619; EP 05731751 A 20050318; NO 20065666 A 20061207; PL 05731751 T 20050318; RU 2006138683 A 20050318; US 56882905 A 20050318