

Title (en)  
Panel element for covering

Title (de)  
Paneelement für Belag

Title (fr)  
Panneau pour revêtement

Publication  
**EP 1730366 B1 20080716 (DE)**

Application  
**EP 05729037 A 20050309**

Priority  
• EP 2005002460 W 20050309  
• DE 102004017015 A 20040402  
• DE 102004028757 A 20040616

Abstract (en)  
[origin: WO2005098163A1] The invention relates to a panel element (2) for laying on floors, walls and ceilings, said element comprising a rectangular base body (3) provided with a first head edge (4), a second head edge (5) opposing the first head edge (4), a first longitudinal edge (6) extending perpendicularly to the first head edge (4), and a second longitudinal edge (7) opposing the first longitudinal edge (6). Both head edges (4, 5) and both longitudinal edges (6, 7) are contoured in such a way that each edge can be connected to an adjacent panel element (2), the first longitudinal edge (6) comprising a groove and the second longitudinal edge (7) comprising a corresponding spring (11). The aim of the invention is to provide a panel element that can be produced in a simple manner with a plurality of different laying variants. To this end, the contours of the head edges (4, 5) are at least essentially identically embodied.

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

CPC (source: EP)  
**E04F 13/08** (2013.01); **E04F 13/10** (2013.01); **E04F 15/02** (2013.01); **E04F 15/02033** (2013.01); **E04F 15/04** (2013.01);  
**E04F 2201/0115** (2013.01); **E04F 2201/0138** (2013.01); **E04F 2201/0153** (2013.01); **E04F 2201/023** (2013.01); **E04F 2201/026** (2013.01)

Cited by  
WO2021089152A1; FR3144830A1; FR3144829A1; DE202019005364U1; EP4086408A1; WO2019015746A1; US11459774B2;  
DE202017106600U1; WO2022234424A1; EP3581732B1

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)  
**DE 102004028757 A1 20060119**; **DE 102004028757 B4 20071115**; AT E401475 T1 20080815; DE 202005004896 U1 20050630;  
DE 502005004733 D1 20080828; DK 1730366 T3 20081027; EP 1730366 A1 20061213; EP 1730366 B1 20080716; ES 2308473 T3 20081201;  
PL 1730366 T3 20090130; WO 2005098163 A1 20051020

DOCDB simple family (application)  
**DE 102004028757 A 20040616**; AT 05729037 T 20050309; DE 202005004896 U 20050323; DE 502005004733 T 20050309;  
DK 05729037 T 20050309; EP 05729037 A 20050309; EP 2005002460 W 20050309; ES 05729037 T 20050309; PL 05729037 T 20050309