

Title (en)  
Panel elements for floor covering

Title (de)  
Paneelelemente für Fussbodenbelag

Title (fr)  
Panneaux pour revêtement de sol

Publication  
**EP 1224365 B1 20040407 (DE)**

Application  
**EP 01909621 A 20010112**

Priority  
• DE 10001076 A 20000113  
• EP 0100360 W 20010112

Abstract (en)  
[origin: WO0151733A1] The invention relates to a panel element for constructing a floor covering comprised of a number of similar interconnectable panel elements. The inventive panel element comprises the following features: two first sides of each panel element which are designated as longitudinal sides comprise a groove formed by two groove faces and comprise a spring; the spring interacts with the groove of an adjacent similar panel element in order to secure two interconnected panel elements against separation forces which act in both axes running perpendicular to the longitudinal side of the panel elements; the spring comprises, on the bottom side thereof, a rib that extends in the longitudinal direction of the spring; the groove comprises, on the bottom side thereof, a holding channel for accommodating the rib; the upper edge (10) of the groove (2) extends up to the opening of the groove (2) in a rising manner, whereby forming an introduction channel (11) for the spring of a second panel element (1) which is applied in a slanted manner with regard to the installation plane, and; the groove (2) and spring (3) of two interconnected panel elements (1) have four defined points of contact (8a, 8b, 8c, 8d).

IPC 1-7  
**E04F 15/04**

IPC 8 full level  
**B27M 3/00** (2006.01); **B27M 3/02** (2006.01); **E04F 13/08** (2006.01); **E04F 15/02** (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP KR US)  
**E04F 15/02** (2013.01 - EP US); **E04F 15/04** (2013.01 - KR); **E04F 15/04** (2013.01 - EP US); **E04F 2201/0138** (2013.01 - EP KR US); **E04F 2201/0153** (2013.01 - EP KR US); **E04F 2201/025** (2013.01 - EP KR US); **E04F 2201/041** (2013.01 - EP KR US); **E04F 2201/0523** (2013.01 - EP KR US)

Citation (examination)  
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• DE 20008708 U1 20000914 - KRONOSPAN TECH CO LTD [CY]  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0151733 A1 20010719**; AT E263882 T1 20040415; AT E360124 T1 20070515; AU 2001237298 B2 20040408; AU 3729801 A 20010724; AU 3729901 A 20010724; AU 762122 B2 20030619; CA 2397653 A1 20010719; CA 2397653 C 20080729; CA 2397662 A1 20010719; CA 2397662 C 20060530; CN 1211551 C 20050720; CN 1243896 C 20060301; CN 1396978 A 20030212; CN 1416492 A 20030507; CY 1106647 T1 20120125; CZ 20022342 A3 20030115; CZ 20022343 A3 20030115; CZ 20140477 A3 20030115; CZ 304243 B6 20140129; CZ 304961 B6 20150211; CZ 307592 B6 20190102; DE 10001076 C1 20011004; DE 20120704 U1 20020404; DE 20122711 U1 20070301; DE 50101901 D1 20040513; DE 50112373 D1 20070531; DK 1224365 T3 20040719; DK 1246981 T3 20070806; EP 1224365 A1 20020724; EP 1224365 B1 20040407; EP 1246981 A1 20021009; EP 1246981 B1 20070418; EP 1722042 A1 20061115; ES 2214398 T3 20040916; ES 2284622 T3 20071116; JP 2003519735 A 20030624; JP 2003524717 A 20030819; JP 3850292 B2 20061129; JP 3850293 B2 20061129; KR 100528708 B1 20051115; KR 100596190 B1 20060706; KR 20020073170 A 20020919; KR 20020073171 A 20020919; NO 20023322 D0 20020709; NO 20023322 L 20020906; NO 20023352 D0 20020711; NO 20023352 L 20020913; NO 320918 B1 20060213; NO 321531 B1 20060522; PT 1224365 E 20040831; PT 1246981 E 20070531; RU 2002121633 A 20040220; RU 2002121634 A 20040120; RU 2232854 C2 20040720; RU 2245973 C2 20050210; SI 20822 A 20020831; SI 20822 B 20090630; SI 20881 A 20021031; SI 20881 B 20090630; SK 10262002 A3 20030204; SK 9872002 A3 20030204; TR 200400867 T4 20040621; US 2002170258 A1 20021121; US 2003037504 A1 20030227; US 6769219 B2 20040803; US 6880307 B2 20050419; WO 0151732 A1 20010719

DOCDB simple family (application)  
**EP 0100360 W 20010112**; AT 01909620 T 20010112; AT 01909621 T 20010112; AU 2001237298 A 20010112; AU 3729801 A 20010112; AU 3729901 A 20010112; CA 2397653 A 20010112; CA 2397662 A 20010112; CN 01803752 A 20010112; CN 01806359 A 20010112; CY 071100765 T 20070611; CZ 20022342 A 20010112; CZ 20022343 A 20010112; CZ 2014477 A 20010112; DE 10001076 A 20000113; DE 20120704 U 20010112; DE 20122711 U 20010112; DE 50101901 T 20010112; DE 50112373 T 20010112; DK 01909620 T 20010112; DK 01909621 T 20010112; EP 0100359 W 20010112; EP 01909620 A 20010112; EP 01909621 A 20010112; EP 06015576 A 20010112; ES 01909620 T 20010112; ES 01909621 T 20010112; JP 2001551912 A 20010112; JP 2001551913 A 20010112; KR 20027009096 A 20020713; KR 20027009097 A 20020713; NO 20023322 A 20020709; NO 20023352 A 20020711; PT 01909620 T 20010112; PT 01909621 T 20010112; RU 2002121633 A 20010112; RU 2002121634 A 20010112; SI 200120006 A 20010112; SI 200120013 A 20010112; SK 10262002 A 20010112; SK 9872002 A 20010112; TR 200400867 T 20010112; US 19233802 A 20020710; US 19571102 A 20020715