

Title (en)
Panels with moisture-protected joint

Title (de)
Paneele mit feuchtigkeitsgeschützter Fuge

Title (fr)
Panneaux avec joint protégé contre l'humidité

Publication
EP 1512808 A1 20050309 (DE)

Application
EP 04103869 A 20040811

Priority
DE 20313661 U 20030905

Abstract (en)
The panel (1) capable of being joined to another panel (2) to form a surface covering has a cutout which is located within a zone between the panel top surface and an adjoining panel edge, and is provided with a moisture repellent layer (10). An independent claim is also included for a floor covering made up of such panels.

Abstract (de)
Die Erfindung betrifft ein Paneel (1), welches mit einem zweiten Paneel (2) einen Belag bilden kann, mit einer Ausnehmung beim Übergang von der Paneeloberfläche zu einer angrenzenden Paneelseite und mit einer feuchtigkeitsabweisenden Schicht (10) auf den Wänden der Ausnehmung.
<IMAGE>

IPC 1-7
E04F 15/04; **E04F 13/10**; **B27N 7/00**

IPC 8 full level
B44C 5/04 (2006.01); **E04F 13/08** (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP US)
B44C 5/043 (2013.01 - EP US); **E04F 13/08** (2013.01 - EP US); **E04F 15/02** (2013.01 - EP US); **E04F 15/02033** (2013.01 - EP US); **E04F 2201/0115** (2013.01 - EP US); **E04F 2201/0138** (2013.01 - EP US); **E04F 2201/0153** (2013.01 - EP US)

Citation (applicant)
• DE 20300306 U1 20030417 - E F P FLOOR PRODUCTS FUSBOEDEN [AT]
• WO 03012224 A1 20030213 - VALINGE ALUMINIUM AB [SE], et al
• WO 9747834 A1 19971218 - UNILIN BEHEER BV [NL]
• WO 0196688 A1 20011220 - UNILIN BEHEER BV [NL], et al

Citation (search report)
• [XY] DE 20300306 U1 20030417 - E F P FLOOR PRODUCTS FUSBOEDEN [AT]
• [Y] WO 03012224 A1 20030213 - VALINGE ALUMINIUM AB [SE], et al
• [DXY] WO 0196688 A1 20011220 - UNILIN BEHEER BV [NL], et al
• [Y] WO 9747834 A1 19971218 - UNILIN BEHEER BV [NL]
• [DX] DE 20206751 U1 20020808 - KRONOSPAN TECH CO LTD [CY]
• [A] US 2002031646 A1 20020314 - CHEN HAO A [US], et al
• [A] DE 9413059 U1 19941006 - OSTERMANN & SCHEIWE GMBH & CO [DE]
• [A] WO 0224421 A1 20020328 - FRITZ EGGER GMBH & CO [AT], et al
• [DA] DE 3819245 A1 19891207 - HIPP CHRISTIAN [DE]

Cited by
EP2108763A1; WO2006133690A1; DE202008010555U1; DE102006017876B4; EP3483357A1; US11519183B2; WO2007113676A2; WO2007113676A3; US11725395B2; US8375672B2; US10538922B2; US11274453B2; US10724251B2; US11091920B2; US11613897B2; US11987990B2; US10947741B2; US11441319B2; US10214918B2; US10612249B2; US10794065B2; US8544231B2; US10570625B2; US11174646B2; US11913236B2; US10526793B2; US10738480B2; US10738481B2; US10738482B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
LT LV

DOCDB simple family (publication)
DE 20313661 U1 20031113; CA 2479584 A1 20050305; CA 2479584 C 20091013; EP 1512808 A1 20050309; EP 1512808 B1 20131023; ES 2436009 T3 20131226; PL 1512808 T3 20140430; PT 1512808 E 20131125; SI 1512808 T1 20140331; US 2005050827 A1 20050310; US 7874118 B2 20110125

DOCDB simple family (application)
DE 20313661 U 20030905; CA 2479584 A 20040831; EP 04103869 A 20040811; ES 04103869 T 20040811; PL 04103869 T 20040811; PT 04103869 T 20040811; SI 200432108 T 20040811; US 92153404 A 20040819