

Title (en)

WATER RESISTANT TONGUE AND GROOVE FLOORING

Title (de)

WASSERABSTOSSENDER NUT- UND FEDERFUSSBODENBELAG

Title (fr)

REVETEMENT DE SOL A RAINURE ET LANGUETTE RESISTANT A L'EAU

Publication

**EP 1549486 A4 20061213 (EN)**

Application

**EP 02775705 A 20020814**

Priority

US 0225894 W 20020814

Abstract (en)

[origin: CA2495368A1] The invention provides a new floor covering panel (10) and floor covering system in which the floor covering panels (10) include first and second generally planar surfaces (11, 12), first and second side edges (13, 14) containing first and second complementary coupling members (20, 22), respectively, and a barrier composition (60) selectively applied to at least a portion of at least one of the first and second coupling members (20, 22) for providing a moisture barrier to prevent water penetration below the first surface (11) of the floor covering panel (10). The barrier composition (60) may be applied to at least one of the first or second coupling members (20, 22) during the floor covering manufacturing process.

IPC 8 full level

**B32B 3/06** (2006.01); **B27N 7/00** (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP)

**B27N 7/00** (2013.01); **E04F 15/02** (2013.01); **E04F 2201/0115** (2013.01); **E04F 2201/0153** (2013.01); **E04F 2201/026** (2013.01); **E04F 2201/07** (2013.01)

Citation (search report)

- [E] WO 03012224 A1 20030213 - VALINGE ALUMINIUM AB [SE], et al
- [E] WO 03048481 A1 20030612 - KRONOSPAN TECH CO LTD [CY], et al
- [E] EP 1262609 A1 20021204 - TARKETT SOMMER SA [FR]
- [DXY] US 6006486 A 19991228 - MORIAU STEFAN SIMON GUSTAAF [BE], et al
- [X] DE 29703962 U1 19970424 - WITEX AG [DE]
- [X] DE 29610462 U1 19960822 - WITEX AG [DE]
- [X] DE 9413059 U1 19941006 - OSTERMANN & SCHEIWE GMBH & CO [DE]
- [Y] DE 19651149 A1 19980618 - LOBA GMBH & CO KG [DE]
- [A] DE 10022246 A1 20011115 - BASF AG [DE]
- See references of WO 2004016422A1

Cited by

US11834844B2; WO2016157054A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

AT E468218 T1 20100615; AU 2002341556 A1 20040303; AU 2002341556 B2 20091105; BR 0215839 A 20050712; BR 0215839 B1 20131119; CA 2495368 A1 20040226; CA 2495368 C 20120605; DE 60236464 D1 20100701; EP 1549486 A1 20050706; EP 1549486 A4 20061213; EP 1549486 B1 20100519; JP 2005535809 A 20051124; MX PA05001795 A 20050505

DOCDB simple family (application)

AT 02775705 T 20020814; AU 2002341556 A 20020814; BR 0215839 A 20020814; CA 2495368 A 20020814; DE 60236464 T 20020814; EP 02775705 A 20020814; JP 2004529026 A 20020814; MX PA05001795 A 20020814