

Title (en)  
Interconnecting disengageable flooring system

Title (de)  
Miteinander verbindbares, lösbares Fussbodensystem

Title (fr)  
Système de plancher interconnectable, séparable

Publication  
**EP 1188879 B1 20050406 (EN)**

Application  
**EP 01119907 A 20010817**

Priority  
US 66170500 A 20000914

Abstract (en)  
[origin: EP1188879A1] A multi-directional laminate flooring panel for use in constructing a floor, the panel comprising: a top surface, a bottom surface and sides extending between the top and bottom surfaces, wherein the sides have identical grooved profiles. A multi-directional laminate flooring system comprising: at least two panels, wherein each panel comprises a top surface, a bottom surface and sides extending between the top and bottom surfaces, wherein the sides have identical recessed profiles; and a connector (30) separate from the at least two panels for connecting the at least two panels together to form a floor. A method for constructing a flooring surface, the method comprising: mating a connector (30) with a groove of a first panel, wherein the first panel has a top surface, a bottom surface and sides extending between the top and bottom surfaces, wherein each side has a groove; positioning a second panel in the same plane as the first panel, wherein the second panel has a top surface, a bottom surface and sides extending between the top and bottom surfaces, wherein each side has a groove; and mating the connector (30) with a groove of the second panel while the first and second panels are in the same plane, wherein the mated connector (30) is below the top surfaces of the first and second panels. <IMAGE>

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

IPC 8 full level  
**E04F 15/00** (2006.01); **E04B 1/38** (2006.01); **E04C 2/40** (2006.01); **E04F 15/02** (2006.01); **E04F 15/022** (2006.01); **E04F 15/04** (2006.01); **E04F 15/16** (2006.01)

CPC (source: EP KR)  
**E04F 15/04** (2013.01 - EP); **E04F 15/16** (2013.01 - KR); **E04F 2201/05** (2013.01 - EP)

Citation (examination)

- US 4461131 A 19840724 - PRESSELL MARK A [US]
- EP 1098048 A1 20010509 - PREMARK RWP HOLDINGS INC [US]
- DE 8604004 U1 19860430
- WO 0166877 A1 20010913 - PERSTORP FLOORING AB [SE]

Cited by  
EP2614195A4; WO2011150076A1; EP3276104A1; EP2801679B1; EP3645270B1

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