

Title (en)  
Panel, particularly a floor panel

Title (de)  
Paneel, insbesondere Fussbodenpaneel

Title (fr)  
Panneau, notamment panneau de plancher

Publication  
**EP 1441087 B1 20051221 (DE)**

Application  
**EP 03008560 A 20030414**

Priority  
DE 10302727 A 20030123

Abstract (en)  
[origin: US2004187423A1] An interconnectable panel has a pair of surfaces on a lateral edge that adjoins a second pair of surfaces on a complementary lateral edge of another panel when the two panels are interconnected. The edge profiles are such that the first pair of adjoined surfaces has a cross-sectional contour in the shape of a segment of a circle. The circle has a center lying in the upper sections of the connected lateral edges. The circle also has a radius measured from the center to the first pair of adjoined surfaces. The second pair of adjoined surfaces is spaced away from the center of the circle by a distance greater than the radius. That distance increases in a direction away from the first pair of adjoined surfaces.

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

IPC 8 full level  
**E04F 15/04** (2006.01)

CPC (source: EP US)  
**E04F 15/04** (2013.01 - EP US); **E04F 2201/0153** (2013.01 - EP US)

Cited by  
EP1734202A1; EP2063044A1; HRP20060191B1; WO2005118978A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2004187423 A1 20040930; US 7124549 B2 20061024**; AT E313671 T1 20060115; CA 2453483 A1 20040723; CA 2453483 C 20080129; DE 10302727 A1 20040805; DE 10302727 B4 20050414; DE 20319121 U1 20040603; DE 50301986 D1 20060126; DK 1441087 T3 20060501; EP 1441087 A1 20040728; EP 1441087 B1 20051221; ES 2255642 T3 20060701; MX PA03012047 A 20050606; PT 1441087 E 20060531; SI 1441087 T1 20061031

DOCDB simple family (application)  
**US 75619104 A 20040112**; AT 03008560 T 20030414; CA 2453483 A 20031217; DE 10302727 A 20030123; DE 20319121 U 20031210; DE 50301986 T 20030414; DK 03008560 T 20030414; EP 03008560 A 20030414; ES 03008560 T 20030414; MX PA03012047 A 20031219; PT 03008560 T 20030414; SI 200330178 T 20030414