

Title (en)

Coupling member for panels for forming a floor covering

Title (de)

Verbindungselement für Paneelen zur Bildung eines Fussbodenbelages

Title (fr)

Élément de connection pour panneaux pour former un revêtement de sol

Publication

EP 0976889 A1 20000202 (DE)

Application

EP 99112309 A 19990626

Priority

CH 158898 A 19980728

Abstract (en)

The coupling piece (4) comprises a flat basis body with two tongues (5,7) protruding in the same direction at opposite ends to engage with grooves (8,9) in the bottom of two adjoining panels (1,1') to form a tongue-and-groove joint. At least one centrally located tongue (6) extending in the same direction as the end tongues is engaged with a slot (10) formed between the two panels and running parallel with the grooves. An Independent claim is also included for the floor covering panel.

Abstract (de)

Die zur Bildung eines Fussbodenbelages zur verbundenen Paneelen (1,1') weisen parallel zur Verbindungskante resp. parallel zur Feder (3) resp. Nut (2) in der Paneelunterseite Nuten resp. Schlitz (8,9,10) auf, in welche Zungen (5,6,7) eines Verbindungselementes (4) eingreifen. Das Verbindungselement (4) schafft einerseits eine sehr einfach zu installierende, zuverlässige Verriegelung quer zur Verbindungskante der benachbarten Paneelen (1,1') und erlaubt dennoch eine Längsverschiebung der Paneelen (1,1') ohne dass das Verbindungselement (4) verkantet. <IMAGE>

IPC 1-7

E04F 15/04

IPC 8 full level

E04F 15/04 (2006.01)

CPC (source: EP)

E04F 15/04 (2013.01); **E04F 2201/0517** (2013.01)

Citation (applicant)

DE 29710175 U1 19970814 - UNILIN BEHEER BV [NL]

Citation (search report)

- [XA] WO 9824995 A1 19980611 - VALINGE ALUMINIUM AB [SE], et al
- [XA] WO 9426999 A1 19941124 - VALINGE ALUMINIUM AB [SE], et al

Cited by

WO02055810A1; EP2660483A1; GB2517450A; GB2517450B; BE1015948A3; EP1120515A1; KR100842477B1; CZ305227B6; US11578495B2; US10138637B2; US9623433B2; US9605436B2; US9970199B2; US10801213B2; US10941578B2; EP1903158A2; EP2275616A2; EP2281974A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0976889 A1 20000202

DOCDB simple family (application)

EP 99112309 A 19990626