

Title (en)  
Panel with a groove and a double tongue

Title (de)  
Paneel mit einer Nut und einer Doppelfeder

Title (fr)  
Panneau avec une mortaise et un double tenon

Publication  
**EP 1203854 A2 20020508 (DE)**

Application  
**EP 01126104 A 20011102**

Priority  
DE 20018760 U 20001102

Abstract (en)  
The tongue and groove connection is for panels (1,2), particularly floor panels, such as laminate floors, parquet floors, veneer floors, or cork panels and is provided on at least two opposing panel face surfaces (10,20). It incorporates a securing contour (14,24) for counterpoised, positive engagement of two connected panels. On the one side of the connection is provided a double groove with two parallel grooves (21,22) separated by a rib (23). On the other side of the connection is a double tongue with two parallel tongues (11,12) separated by an intermediate space (13). The securing contour is provided singly on the one of the two grooves and the corresponding tongue or doubled on the two grooves and the two tongues.

Abstract (de)  
Eine Nut-Feder-Verbindung für Paneele (z.B. Fußbodenpaneele) sieht eine Doppel-Feder (11, 12) vor, die in eine Doppelnut (21, 22) in der Gegen-Paneele rastend eingreift mittels einer Rastkontur (14, 24). Ein Steg (28) greift in einen Zwischenraum (13) zwischen den Federn. Die Rastkontur (14, 24) ist an der der Paneeloberseite (16, 26) zugewandten Seite der oberen Feder (11) vorgesehen. <IMAGE>

IPC 1-7  
**E04F 15/02**; **E04F 15/04**

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

CPC (source: EP)  
**E04F 13/08** (2013.01); **E04F 15/02** (2013.01); **E04F 2201/0115** (2013.01); **E04F 2201/02** (2013.01); **E04F 2201/041** (2013.01)

Citation (applicant)  

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