

Title (en)

Groove and tongue joint between two adjoining wooden panels.

Title (de)

Nut-Feder-Verbindung zwischen zwei benachbarten Holzpaneelen.

Title (fr)

Joint de rainure et languette entre deux panneaux de bois voisins.

Publication

EP 0214643 A2 19870318 (DE)

Application

EP 86112408 A 19860908

Priority

- DE 3532112 A 19850909
- DE 3541039 A 19851119

Abstract (en)

Tongue-and-groove joint between two wooden facing panels (2). The panel edge projects further forwards behind the groove (4). The groove (4) and/or the tongue (20) are tapered. The width of the groove (4) is greater than the thickness of the tongue (20), so that there is a play there. The front faces (6; 22) of the groove (4) and of the tongue (20) are parallel to the rear face (8) of the panels (2). <IMAGE>

Abstract (de)

Nut-Feder-Verbindung zwischen zwei Verkleidungs-Holzpaneelen (2). Hinter der Nut (4) springt der Paneelrand weiter vor. Die Nut (4) und/oder die Feder (20) verjüngen sich. Die Weite der Nut (4) ist größer als die Dicke der Feder (20), so daß dort ein Spiel besteht. Die Vorderflächen (6; 22) der Nut (4) und der Feder (20) sind parallel zur Rückfläche (8) der Paneele (2).

IPC 1-7

E04F 13/10; **E04F 13/08**

IPC 8 full level

E04F 13/08 (2006.01); **E04F 13/10** (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP)

E04F 13/0846 (2013.01); **E04F 13/10** (2013.01)

Cited by

AT516470A1; NL9400446A; DE102019008336A1; WO2021104578A1; WO2006060860A1; JP2001173213A; US10947741B2; US11441319B2; US10738477B2; US11319712B2; US11913237B2; US9850669B2; US9874028B2; US9951525B2; US9970198B2; US10267046B2; US10774540B2; USD928988S; US11352800B2; US11946261B2; US10053868B2; US10738480B2; US10738479B2; US10738481B2; US10738482B2; US11668100B2

Designated contracting state (EPC)

AT CH DE GB LI

DOCDB simple family (publication)

EP 0214643 A2 19870318; **EP 0214643 A3 19880107**; **EP 0214643 B1 19910403**; DE 3678514 D1 19910508

DOCDB simple family (application)

EP 86112408 A 19860908; DE 3678514 T 19860908