

Title (en)

Articles with tongue and groove joint and method of making such a joint

Title (de)

Gegenstände mit Nut- und Feder-Verbindung und Verfahren zum Herstellen einer solchen Verbindung

Title (fr)

Articles avec joint à rainure et languette et procédé de fabrication d'un tel joint

Publication

EP 0843056 A2 19980520 (EN)

Application

EP 97117421 A 19971008

Priority

US 74869696 A 19961113

Abstract (en)

Disclosed is laminate flooring (10) and other articles with tongues (26) and grooves (16) for joining sections of the flooring or articles and a method of making the tongue and groove joints. The lower surfaces (28,18) of the tongues (26) and grooves (16) are indexing surfaces for aligning the wear surfaces (12) of the flooring sections. The tongues (26) and grooves (16) are made such that when the tongue (26) is fully inserted into the groove (16), a continuous space is formed between the upper surface (27,17) of the tongue (26) and groove (16). The grooved edges (25,15) are cut at an acute angle to the surface (12). This provides a space between the upper surfaces (27,17) of the tongue (26) and groove (16) and between the edge surfaces (25,15) above the tongues (26) and grooves (16) toward the wear surfaces (12) of the flooring sections. Glue in the joint, upon curing, resists penetration of moisture and increases the strength of the joint.

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