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(54) Molding affixed with wedged divider track

(57) An elongated wedge shaped spline (1) can be used for joining work pieces in a dovetail joint. It can be used in joining a work piece, such as molding (5) in a dovetailed joint. An expansion track having a pair of spaced apart flanges (20) extending at a right angle from the front surface of the divider track (2) is first affixed to a surface. The wedge shaped spline (1) is positioned between and in abutment with the upper portion of the spaced apart flanges (20). A fan shaped mortise on the back surface of a work piece is positioned

over the wedge shaped spline (1) between and abutting the upper portion of the spaced apart flanges (20). Pressure is applied on the front surface of the work piece for seating the work piece on the divider track (2), thereby forcing the wedge shaped spline (1) between the flanges (20) and spreading the flanges (20). The spread apart flanges (20) engage the side walls of the fan shaped mortise for joining the work piece in a dovetailed joint with the divider track (2).

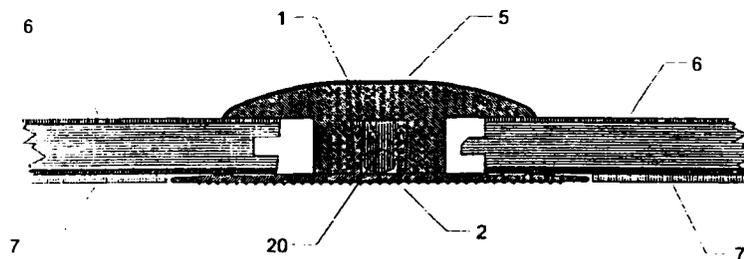


Figure 1

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EUROPEAN SEARCH REPORT

Application Number
EP 97 11 7822

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	DE 94 12 987 U (SEIS HELMUT) 27 October 1994 * page 5, line 4 - page 9, line 8; figures 1-3 *	1,4-6,10	E04F19/06
A	US 2 996 751 A (S.S. ROBY ET AL.) 22 August 1961 * column 1, line 43 - column 2, line 63; figures 1-4 *	1	
A	DE 94 01 798 U (DECKEN & WANDSYSTEME VERTRIEB) 24 May 1995 * page 3, line 9 - page 6, line 11; figures 1,2 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E04F
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		11 June 1998	Ayiter, J
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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