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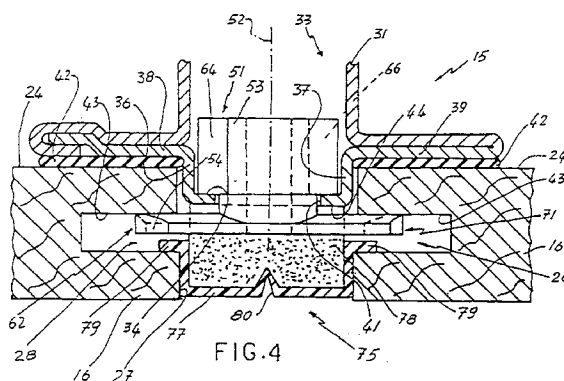
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(54) **Panel connecting arrangement.**

(57) The connecting arrangement (15) connects panels (16, 17) to each other or to a support structure (18) by means of a shaped interconnecting member (31) with slots (41) which are disposed along a longitudinal axis (32), and a plurality of cam fixing members (51). Each fixing member comprises a first engagement body (53) which can be inserted into a slot and two lateral limbs (69, 71) which are spaced from the engagement body and which are engageable into a groove (28) at an edge (27) of the two panels, after pre-positioning of a side of the panels between two limbs (38, 39) and two side portions (36, 37) of the interconnecting member, and engagement of the first engagement body (53) into one of the slots (41). A given rotary movement of the fixing member in the slot around its main axis (52) retains the first engagement member (53) against a channel (33) of the interconnecting member. The limbs (38, 39) respectively provide axial cam profiles (72) which act on the grooves in the panels in such a way as to clamp the panels against the interconnecting member.





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EUROPEAN SEARCH REPORT

Application Number

EP 90 31 4036

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. 5)
X	DE-A-3 048 152 (METALLBAU KOLLER AG) * page 11, paragraph 2 - page 12, paragraph 3; claims 1-5; figures 2,6 *	1,2	E 04 B 2/72 E 04 B 2/74
E	EP-A-0 426 187 (EMAILLERIE ALSACIENNE COMMERCIALE ET INDUSTRIELLE, S.A.) * column 2, line 43 - column 3, line 32; claims 2,7,8; figure 1 *	1,8	
A	GB-A-2 062 724 (POLY-PRO B.V.) * page 1, right-hand column, lines 113-127; figure 1 *	1,6,7	
A	EP-A-0 346 902 (R.L. PROPST) * claims 1-4,10,11; figures 1-4,16-21 *	1-5	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 5)
			E 04 B
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 31-08-1992	Examiner BOUSQUET K.C.E.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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