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54 **Wall tie device.**

57 A wall tie system for use during construction of a new structure to tie the new structure to an existing wall. The system comprises a backing plate (1) which in use, is fixed to the existing wall and a number of wire ties (20, 21, 22) having one part (21) which is, in use, engaged with the backing plate (1) and another part (20) which is interposed between successive courses of the new wall. The backing plate is provided along its length with a number of hook-like tabs (7) extending out of the front face of the backing plate behind which the wire ties are engaged. The tabs (7) are arranged in opposed pairs and the pairs in longitudinally spaced groups with three pairs to a group. The wire ties (20, 21, 22) are approximately U-shaped with the ends (21, 22) of the links of the U bent at right angles to the plane of the U. The tie (20, 21, 22) is fitted to the backing plate (1) by inserting the bent ends (21) of the limbs of the U behind the tabs (7) so that the web (20) of the U extends outwardly from the backing plate (1) and positioning the tie on the backplate (1) so that the

web (20) of the U lies between two successive courses of the new wall.

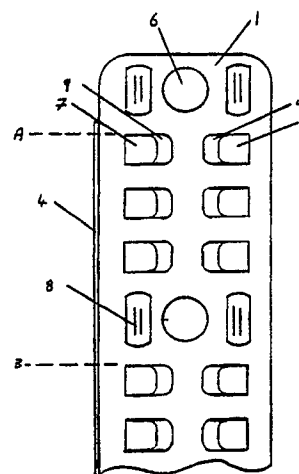


Fig. 1

EP 0 252 696 A3



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.4)
A	EP-A-0 159 804 (D. FURR) * figures 1-3; claims 1-17 * ---	1	E 04 B 1/41 E 04 B 2/32 E 04 B 2/44
A	EP-A-0 173 437 (TRULINE BUILDING PRODUCTS LTD.) * figures 1-7; claims 1-6 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			E 04 B
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 19-01-1990	Examiner BOUSQUET K.C.E.
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			