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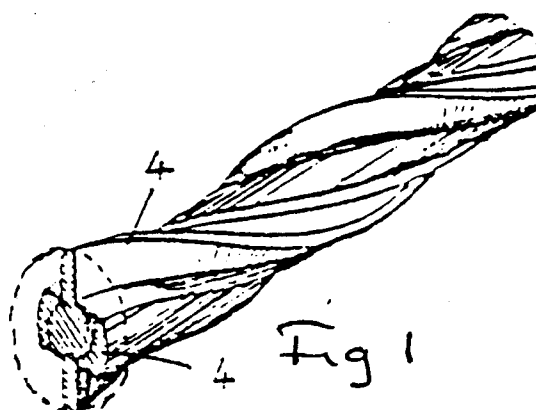
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E04B 1/41**(22) Date of filing: **29.07.85**(30) Priority: **31.07.84 GB 8419523**(43) Date of publication of application:
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BE DE FR GB IT NL(86) Date of deferred publication of the search report:
16.12.92 Bulletin 92/51(71) Applicant: **OLLIS, William John Bernard
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Buckinghamshire HP17 8AH(GB)**(72) Inventor: **OLLIS, William John Bernard
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Buckinghamshire HP17 8AH(GB)**(74) Representative: **Rees, David Christopher et al
Kilburn & Strode 30 John Street
London WC1N 2DD(GB)**(54) **Structural ties.**

(57) A structural tie in the form of a length of wire (15) of corrosion resistant material, comprising a core and two externally projecting fins (4). Each fin follows a continuous helical path about the axis of the core. One end of the tie is pointed, the remainder of the tie having a substantially uniform cross-section. The diameter of the core is 2 to 6mm and the maximum diameter of the entire tie is 10mm.

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EUROPEAN SEARCH REPORT

Application Number

EP 92 20 0822

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)
X	BE-A-840 070 (COOPMAN) * page 5, paragraph 8 - page 10, column 2; figures *	1-3,5,6	E04G23/02 E04B2/30 E04C5/03 F16B15/06 E04B1/41
A	FR-A-644 030 (VITIPONT) * the whole document *	1-5	
A	FR-A-2 188 019 (AG DER VON MOOS'SCHEN EISENWERKE)		
A	DE-A-2 603 734 (SCHWARZ)		
A	GB-A-1 572 953 (LEEDHAM)		
A	GB-A-2 130 327 (CLAN CONTRACTING LTD)		
A	FR-A-746 537 (WHIST)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			E04G E04B E04C F16B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 OCTOBER 1992	Examiner VIJVERMAN W.C.
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			