(11) **EP 1 441 071 A3**

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **02.03.2005 Bulletin 2005/09**

(51) Int CI.7: **E01F 15/04**, E01D 19/10

(43) Date of publication A2: **28.07.2004 Bulletin 2004/31**

(21) Application number: 04250233.6

(22) Date of filing: 17.01.2004

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PT RO SE SI SK TR
Designated Extension States:

AL LT LV MK

(30) Priority: **25.01.2003 GB 0301759 25.01.2003 GB 0301758**

(71) Applicant: Corus UK Limited London SW1P 4WY (GB)

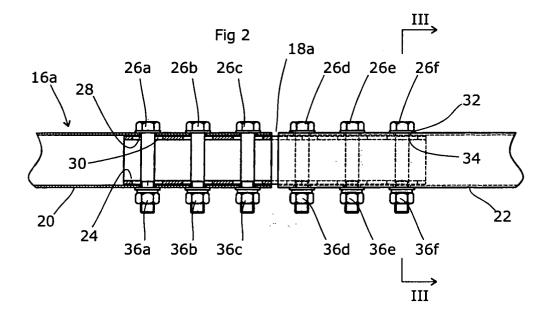
(72) Inventor: Mustard, Trevor Raymond Oakham, Rutland, LE15 6HB (GB)

(74) Representative: Downing, Michael Philip et al Fry Heath & Spence LLP, The Gables, Massett Road Horley, Surrey RH6 7DQ (GB)

(54) Parapet

(57) A parapet comprises a plurality of uprights affixable to a substrate and a plurality of rails supported by the uprights, each rail being formed from a plurality of lengths of substantially equiaxed box section affixed to the uprights at a point along their length and joined end to end at locations between uprights. A suitable cross-sectional aspect ratio is less than between 1.4 and 1.1. The preferred external dimension of each side of the box section is between 60 and 90 millimetres, and

the application also relates to such a rail per se. In a further aspect, the application describes a parapet comprising a plurality of uprights and at least one rail supported by the uprights, the uprights and rail being formed of steel and connected via bolts of stainless steel. It is preferred that the uprights and rails are galvanised. This avoids the requirement to touch up the bolts and any other fastenings with zinc paint in order to provide continuous galvanic protection to the entire structure.





EUROPEAN SEARCH REPORT

Application Number EP 04 25 0233

	DOCUMENTS CONSIDE	RED TO BE RELEVANT			
Category	Citation of document with indic of relevant passages		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
Х	GB 1 209 191 A (BRIT: 21 October 1970 (1970 * the whole document	0-10-21)	1,7,9,10	E01F15/04 E01D19/10	
Υ	the whole document		11-14		
Х	GB 1 103 370 A (HIGH 14 February 1968 (196 * page 2, line 22 -		1,7,9,10		
Х	US 3 476 362 A (THOMI 4 November 1969 (1969 * the whole document	9-11-04)	1,7,10		
Υ	GB 2 294 489 A (BRIT: 1 May 1996 (1996-05-05-05) * claims 2-4 *		11,12,14		
Y	FR 2 237 010 A (ROAD 7 February 1975 (1975 * page 7, line 38 - pfigures 1,2 *	5-02-07)	13	TECHNICAL FIELDS SEARCHED (Int.CI.7) E01F E01D	
	The present search report has bee	<u>'</u>			
Place of search The Hague		Date of completion of the search 12 January 2005	Kri	ekoukis, S	
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 princi E : earlier patent d after the filing d D : document citec L : document citec	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		

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 04 25 0233

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

12-01-2005

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
GB 1209191	Α	21-10-1970	DK SE	128461 315621		06-05-19 06-10-19
GB 1103370	Α	14-02-1968	NONE			
US 3476362	Α	04-11-1969	NONE			
GB 2294489	Α	01-05-1996	NONE			
FR 2237010	А	07-02-1975	AU DE FR IT NL SE ZA	7098474 2432654 2237010 1018242 7408997 7408958 7404223	A1 A1 B A	08-01-19 30-01-19 07-02-19 30-09-19 13-01-19 10-01-19 30-07-19

FORM P0459

© For more details about this annex : see Official Journal of the European Patent Office, No. 12/82