



Europäisches Patentamt
European Patent Office
Office européen des brevets



Publication number:

0 320 224 A3

12

EUROPEAN PATENT APPLICATION

21 Application number: 88311569.3

51 Int. Cl.5: **E04F 11/18**

22 Date of filing: 07.12.88

30 Priority: 09.12.87 GB 8728768

**Spencer Road Metal Works Lidget Green
Bradford West Yorkshire BD7 2HD(GB)**

43 Date of publication of application:
14.06.89 Bulletin 89/24

72 Inventor: **Greenwood, D.**
**Spencer Road Metal Works Lidget Green
Bradford West Yorkshire BD7 2HD(GB)**

84 Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE

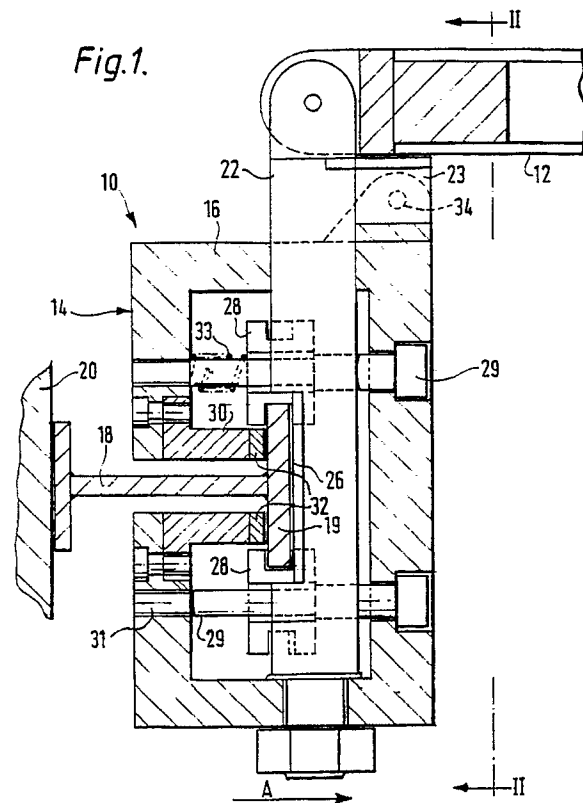
88 Date of deferred publication of the search report:
13.03.91 Bulletin 91/11

74 Representative: **Wharton, Peter Robert et al**
**Urquhart-Dykes & Lord Alliance House 29-31
Kirkgate
Bradford West Yorkshire, BD1 1QB(GB)**

71 Applicant: **Greenwood, D.**

54 **Hand rail safety bar.**

57 A stairway safety bar 10 comprises a housing 14 slidable on a rail 18 which is fixed to a wall 20. The bar 12 extends across a stairway and may be pushed up or down the stairway by a person ascending or descending. The housing 14 includes a locking mechanism (22, 26) which locks on to the rail 18 thereby preventing further movement of the bar and a force which exceeds a predetermined limit is applied to the bar. The bar can be pushed by an elderly or disabled person, but should the person fall the additional force applied will lock the mechanism and prevent the person falling down the stairs.



EP 0 320 224 A3



**EUROPEAN SEARCH
REPORT**

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	GB-A-2 106 790 (ELLIS SON AND PARAMORE LTD.) * page 1, line 117 - page 2, line 76; figures 2-4 * - - -	1	E 04 F 11/18
A		4-6	
A	DE-C-1 315 11 (F. RUEDIGER) * claims 1-3; figures 1,3 * - - - - -	1-3,8	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			A 61 H E 04 F
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of search 28 November 90	Examiner WESTERMAYER W G
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	