



(11) EP 1 557 506 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
21.03.2007 Bulletin 2007/12

(51) Int Cl.:
E04F 11/112 (2006.01) **E04F 11/16 (2006.01)**

(43) Date of publication A2:
27.07.2005 Bulletin 2005/30

(21) Application number: 05250343.0

(22) Date of filing: 24.01.2005

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR
Designated Extension States:
AL BA HR LV MK YU

(30) Priority: 22.01.2004 GB 0401394

(71) Applicant: **Clover, Rainer**
Walsall,
West Midlands WS2 7NL (GB)

(72) Inventors:

- Clover, Rainer**
Walsall,
West Midlands WS2 7NL (GB)
- Pearce, Derek**
Walsall,
West Midlands WS2 7NL (GB)

(74) Representative: **Symons, Rupert Jonathan et al**
HLBBshaw,
10th Floor
1 Hagley Road,
Birmingham B16 8TG (GB)

(54) Stair tread

(57) A tread for a stair, the tread comprises a pre-formed metal body of generally channel section comprising a base and opposite side walls, the side walls being bent over so that the free ends overlie the respective edge portion of the base; an anti-slip surface being

present on at least the upper outer surface of one side wall either by being formed on that surface or on a clip member secured to that side wall; an infill being present in the space defined by the base and the side walls whereby the upper surface of the tread is substantially flat.

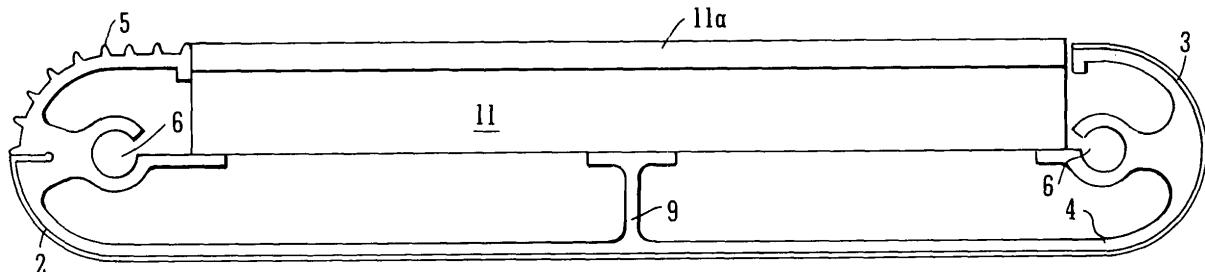


FIG. 2



DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)		
X	US 3 381 775 A (LIVERS HAROLD F) 7 May 1968 (1968-05-07) * the whole document * -----	1-4,6-8	INV. E04F11/112 E04F11/16		
X	US 1 412 899 A (HUGO SMITH JOHN) 18 April 1922 (1922-04-18)	1,2,4, 6-8 3			
A	-----				
A	US 1 870 598 A (JOHN AMANN) 9 August 1932 (1932-08-09) * the whole document * -----	1-3,6,8			
A	GB 2 234 539 A (TREADS [GB]) 6 February 1991 (1991-02-06) * abstract; figures * -----	1,3			
			TECHNICAL FIELDS SEARCHED (IPC)		
			E04F		
The present search report has been drawn up for all claims					
Place of search	Date of completion of the search	Examiner			
The Hague	12 February 2007	Vrugt, Sietse			
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone	T : theory or principle underlying the invention				
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date				
A : technological background	D : document cited in the application				
O : non-written disclosure	L : document cited for other reasons				
P : intermediate document	& : member of the same patent family, corresponding document				

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

EP 05 25 0343

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.

12-02-2007

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3381775	A	07-05-1968	NONE	
US 1412899	A	18-04-1922	NONE	
US 1870598	A	09-08-1932	NONE	
GB 2234539	A	06-02-1991	NONE	