



(11) **EP 2 706 163 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**04.01.2017 Bulletin 2017/01**

(51) Int Cl.:  
**E04B 9/12 (2006.01) E04B 9/06 (2006.01)**

(43) Date of publication A2:  
**12.03.2014 Bulletin 2014/11**

(21) Application number: **13182619.0**

(22) Date of filing: **02.09.2013**

(84) Designated Contracting States:  
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR**  
Designated Extension States:  
**BA ME**

(71) Applicant: **DALLAN S.P.A.**  
**31033 Castelfranco Veneto (IT)**

(72) Inventor: **DALLAN, Sergio**  
**31033 CASTELFRANCO VENETO (IT)**

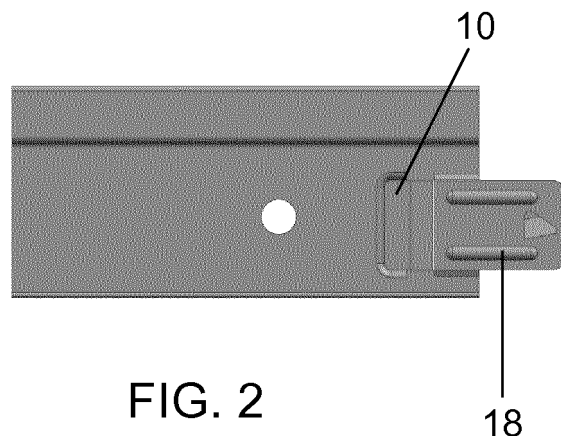
(74) Representative: **Piovesana, Paolo**  
**Via F. Baracca, 5/a**  
**30173 Venezia-Mestre (IT)**

(30) Priority: **11.09.2012 IT VE20120032**

(54) **Inverted T profile for forming false ceiling support structures**

(57) An inverted T profile for forming false ceiling support structures, consisting of a central web (4) which extends from an upper tube (6) and terminates in two horizontal flanges (8), characterised in that each end of the web comprises a drawn seat (10) which extends into a lip (12) to define an aperture (14), each end of the web extending into a substantially rectangular tab (16) having the same height as the aperture (14) and as the drawn seat (10), said tab comprising a non-rectilinear cut (20)

which forms a tooth (22) projecting from the plane of the tab towards the drawn seat (10), the articulation axis of said tooth being non transverse to the longitudinal axis of the web, the tooth (22) of a first profile being engagable by the edge (26) of the aperture (14) of a second adjacent profile when the tab (16) of said first profile is inserted into the drawn seat (10) of the adjacent second profile and vice versa.



**EP 2 706 163 A3**



EUROPEAN SEARCH REPORT

Application Number  
EP 13 18 2619

5

10

15

20

25

30

35

40

45

50

55

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 4 549 383 A (VUKMANIC RONALD W [US] ET AL) 29 October 1985 (1985-10-29) * column 3, line 33 - column 4, line 15; figures 6-9 *	1-6	INV. E04B9/12
A	WO 98/11309 A1 (WORTHINGTON ARMSTRONG VENTURE [US]; ZIEGLER DANIEL C [US]; PLATT WILLI) 19 March 1998 (1998-03-19) * page 13, line 5 - page 15, line 16; figures 1-6 *	1,4-6	ADD. E04B9/06
A	WO 03/093595 A1 (USG INTERIORS INC [US]) 13 November 2003 (2003-11-13) * page 7, line 17 - line 26; figures 1,2,4 *	2,3	
			TECHNICAL FIELDS SEARCHED (IPC)
			E04B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 24 November 2016	Examiner Lopes, Claudia
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	

EPO FORM 1503 03/02 (P04C01)

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

EP 13 18 2619

5 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.

24-11-2016

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4549383 A	29-10-1985	NONE	
WO 9811309 A1	19-03-1998	CA 2234970 A1 CN 1207151 A DE 69720406 D1 DE 69720406 T2 EP 0859892 A1 HK 1018295 A1 US 5839246 A WO 9811309 A1	19-03-1998 03-02-1999 08-05-2003 29-01-2004 26-08-1998 13-09-2002 24-11-1998 19-03-1998
WO 03093595 A1	13-11-2003	AU 2003218426 A1 CA 2481722 A1 CN 1650077 A EP 1499780 A1 KR 20050010773 A MX PA04010343 A NZ 536076 A RU 2303683 C2 TW 1305555 B US 2003200719 A1 WO 03093595 A1	17-11-2003 13-11-2003 03-08-2005 26-01-2005 28-01-2005 17-05-2005 27-07-2007 27-07-2007 21-01-2009 30-10-2003 13-11-2003

EPO FORM P0459

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