(11) **EP 2 284 329 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **27.03.2013 Bulletin 2013/13**

(51) Int Cl.: **E04D 13/03** (2006.01)

E04D 13/147 (2006.01)

(43) Date of publication A2: 16.02.2011 Bulletin 2011/07

(21) Application number: 10171486.3

(22) Date of filing: 30.07.2010

(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 SE SI SK SM TR

Designated Extension States:

BA ME RS

(71) Applicant: FAKRO PP Spolka z o.o. 33-300 Nowy Sacz (PL)

(72) Inventor: Florek, Ryszard 33-336, Labowa (PL)

(30) Priority: 31.07.2009 PL 38868509

(54) Collar connecting a construction structure penetrating the roof to the sub-roofing structure

(57) Collar made of any flexible and water-proof material, having the shape of a frame surrounding the structure seated in the roof, consisting of elements, permanently connected to each other into a closed circuit, is characterised by that the elements arranged not in parallel against the battens (3) constitute strips connected to each other advantageously in parallel, limited at the outer side with a strip (8) of a material with easily extendible and at the same time water-tight structure.

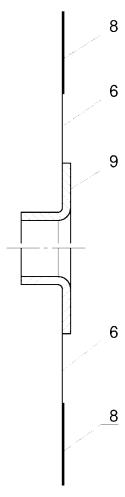


Fig. 4

EP 2 284 329 A3



EUROPEAN SEARCH REPORT

Application Number EP 10 17 1486

	DOCUMENTS CONSID	ERED TO BE RELEVANT				
Category	Citation of document with ir of relevant pass	ndication, where appropriate, ages	Rele to cl	vant aim	CLASSIFICATION OF THE APPLICATION (IPC)	
Х	[DE]) 19 February 2	01 (EISENHAUER MICHAEL 2009 (2009-02-19) , [0007]; figure 1 *		6	INV. E04D13/03 E04D13/147	
Х	DE 94 13 970 U1 (KL 4 January 1996 (199	OEBER JOHANNES [DE])	1-4,	6		
Y	* figures 4,9,11,12) *	1			
Y	US 4 972 638 A (MIN 27 November 1990 (1 * figure 7 *	TER MEARL [US]) 990-11-27)	1			
X	DE 299 08 614 U1 (D 30 September 1999 (* figure 4 *	ODERKEN EWALD AG [DE]) (1999-09-30)	5,7			
A	DE 100 57 774 A1 (k 10 October 2002 (20 * figure 10 *	CLOEBER JOHANNES [DE]) 002-10-10)	1-7			
					TECHNICAL FIELDS SEARCHED (IPC)	
					E04D	
	The present search report has	been drawn up for all claims				
	Place of search	Date of completion of the search			Examiner	
The Hague		18 February 20	February 2013 Leroux, Corentine			
X : parti Y : parti docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anotiment of the same category nological background written disclosure mediate document	L : document cité	t document, b date ed in the app ed for other re	ut publis lication easons	shed on, or	

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

EP 10 17 1486

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.

18-02-2013

	Patent document ed in search report		Publication date		Patent family member(s)	Publication date
DE	202008014501	U1	19-02-2009	NONE		-
DE	9413970	U1	04-01-1996	AT AU CZ DE DK EP PL WO	200128 T 3472995 A 9603229 A3 9413970 U1 777798 T3 0777798 A1 316662 A1 9606996 A1	15-04-2 22-03-1 12-03-1 04-01-1 30-07-2 11-06-1 03-02-1 07-03-1
US	4972638	A	27-11-1990	CA US	2008724 A1 4972638 A	21-10-1 27-11-1
	29908614	U1	30-09-1999	NONE		
	10057774	A1	10-10-2002	NONE		

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

FORM P0459