



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
14.01.2015 Bulletin 2015/03

(51) Int Cl.:
E04F 15/10 (2006.01) B32B 21/13 (2006.01)

(43) Date of publication A2:
14.12.2011 Bulletin 2011/50

(21) Application number: **11158595.6**

(22) Date of filing: **17.03.2011**

(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: **Plásticos Alai, S.A.**
20300 IRUN Guipuzcoa (ES)

(72) Inventor: **Inchausti Zaldua, Jose Ignacio**
20300, Irun (Guipuzcoa) (ES)

(74) Representative: **Cabinet Plasseraud**
52, rue de la Victoire
75440 Paris Cedex 09 (FR)

(30) Priority: **09.06.2010 ES 201000759**

(54) **Panel for floor, wall or ceiling coverings and method for manufacturing said panel**

(57) The invention relates to a panel for floor, wall or ceiling coverings, formed by a structural assembly which consists of a lower layer (1) of recycled thermoplastic material and an upper layer (2) of virgin thermoplastic material, the assembly determining in the lower face at least one longitudinal rib (4) for inserting at the ends parts

(5) in the form of keys for longitudinally joining consecutive panels, whereas an extension (7) protrudes on one side which allow fixing the panel on the application surface with fixing elements which are concealed in the covering which is formed by means of successive panels.

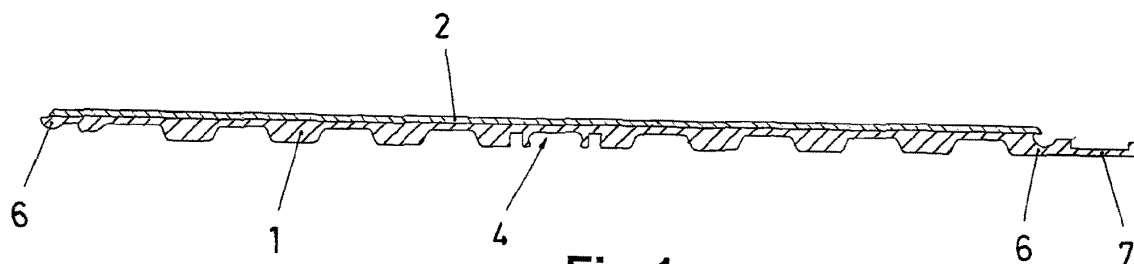


Fig.1



EUROPEAN SEARCH REPORT

Application Number
EP 11 15 8595

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,P	WO 2010/072357 A2 (PARCOLYS N V [BE]; WYBO CARLOS [BE]; LASSEEL SAMMY [BE]) 1 July 2010 (2010-07-01) * page 3, line 12 - line 16; figures 1, 5 * * page 4, line 5 - line 6 * * page 8, line 1 - line 14 * * page 12, line 13 - line 14; claims 30,19 * * page 5, line 11 - line 14 *	1-4,6	INV. E04F15/10 B32B21/13
Y	US 2008/000179 A1 (PERVAN DARKO [SE] ET AL) 3 January 2008 (2008-01-03) * paragraphs [0030], [0045], [0080]; figure 9c *	5	
Y	DE 200 04 397 U1 (ID GES FUER INNOVATION PRODUKT [DE]) 3 August 2000 (2000-08-03) * page 3, paragraph 2; figure 1 * * page 4, paragraph 5 *	5	
			TECHNICAL FIELDS SEARCHED (IPC)
			B29K E04F B32B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 10 December 2014	Examiner Topcuoglu, Sadik Cem
CATEGORY OF CITED DOCUMENTS		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	
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			

EPO FORM 1503 03/82 (P04C01)

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

EP 11 15 8595

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.

10-12-2014

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2010072357	A2	01-07-2010	BE 1018382 A3	07-09-2010
			CA 2748329 A1	01-07-2010
			CN 102264987 A	30-11-2011
			EP 2379825 A2	26-10-2011
			JP 2012513548 A	14-06-2012
			KR 20110111373 A	11-10-2011
			RU 2011130567 A	27-01-2013
			US 2011247285 A1	13-10-2011
			WO 2010072357 A2	01-07-2010

US 2008000179	A1	03-01-2008	AT 467014 T	15-05-2010
			BR 0308178 A	04-01-2005
			CN 1643226 A	20-07-2005
			CN 101173554 A	07-05-2008
			DK 1490567 T3	14-06-2010
			EP 1490567 A1	29-12-2004
			EP 2189591 A2	26-05-2010
			EP 2281975 A2	09-02-2011
			EP 2281976 A2	09-02-2011
			ES 2344555 T3	31-08-2010
			IL 163739 A	15-04-2010
			KR 20040088589 A	16-10-2004
			PL 212422 B1	28-09-2012
			PT 1490567 E	09-08-2010
			SI 1490567 T1	30-07-2010
			UA 80550 C2	10-10-2007
			US 2008000179 A1	03-01-2008
			ZA 200407016 A	28-06-2006

DE 20004397	U1	03-08-2000	NONE	

EPO FORM P0459

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