



(12) **EUROPEAN PATENT APPLICATION**

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(54) **adherent parts for composition and/or construction games**

(57) The invention herein consists of adherent parts for composition and/or construction games.

Parts can be made of wood or plastic, foam, EVA, fibreboard and can further be made of any other flexible material with adherent strips of material between them on a number of their sides. These parts have strips of adherent material on some of their edges which, as it is

known, have small bristles or flexible hooks on one side and fibres on the other, such that on joining the side with the hooks to the side with the fibres they stick together by applying only light pressure, and when pulled, detach quite easily.

This invention falls within the scope of construction games.

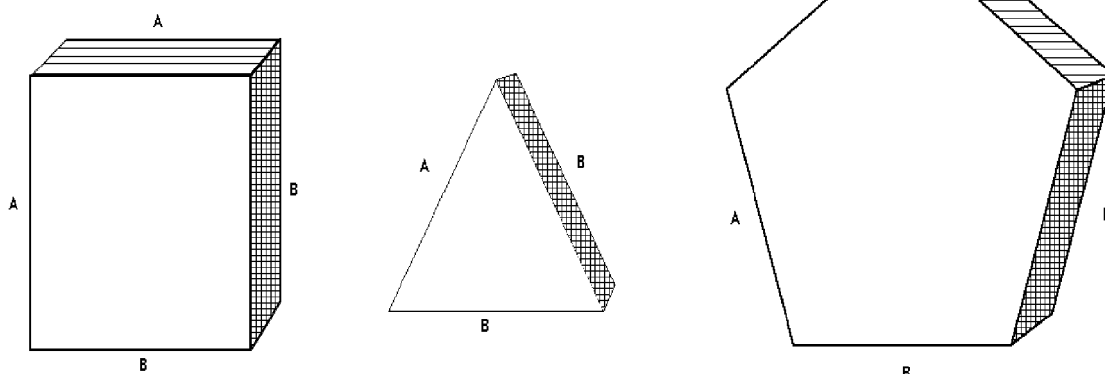


FIGURA 1

Description**DESCRIPTION OF THE INVENTION**

[0001] The invention herein consists of adherent parts for composition and/or construction games.

[0002] Parts can be made of wood or plastic, foam, EVA, fibreboard and can further be made of any other flexible material with adherent strips of material between them on a number of their sides. These parts have strips of adherent material on some of their edges which, as it is known, have small bristles or flexible hooks on one side and fibres on the other, such that on joining the side with the hooks to the side with the fibres they stick together by applying only light pressure, and when pulled, detach quite easily.

[0003] This invention falls within the scope of construction games.

BACKGROUND OF THE INVENTION

[0004] Construction games for children often have parts that are joined together in a particular, predefined manner, in one direction or position.

[0005] We are looking for a system that allows us greater flexibility and creativity than the classic constructions.

ADVANTAGES OF THIS INVENTION

[0006] The main advantages, by way of illustration but without limitation, which are obtained with this invention are set forth below, namely:

- Cheap.
- Easy.
- Resistant.
- Versatile.
- Firm.
- Scalable.
- Creative.

DESCRIPTION OF THE DRAWINGS

[0007] To complete the description that has been made and for a better understanding of this specification, the accompanying drawings are appended which show an example of a nonlimiting, preferred embodiment of the object of the invention and in which:

Figure 1 shows a perspective view of three basic parts of the invention in the form of polyhedra, rectangular, triangular and pentagonal.

Figure 2 is a perspective view of two types of columns, one prismatic square section and another cylindrical.

Figure 3 is a perspective view of square blocks with

convexly rounded corners allowing joints with a rotation angle up to 90°.

Figure 4 is a perspective view of blocks intended to form bottom surfaces.

Figure 5 is a perspective view of one corner, with a number or all sides being adherent.

Figure 6 shows sheets of adherent material.

[0008] In the illustrations, we differentiate the two parts of the adherent material (bristles and material respectively) by using the letters A and B, although there can be many variations for the position of the adherent materials.

DESCRIPTION OF A PREFERRED EMBODIMENT OF THE**INVENTION**

[0009] The parts can be any shape: square, rectangle, bar or pillar, cube, prism, triangle, rhombus, pentagon, hexagon, star, circle, shapes of objects (tree, person ...), or other shapes.

[0010] The joining edges of some parts can be slightly curved outwards (see Fig. 3) allowing joints with a rotation angle of up to 90 degrees.

[0011] Adherent materials can be on the lower base, in addition to being on the edges, on the blocks intended to form bottom surfaces (Fig. 4). 4).

[0012] The parts have adherent material on some strategic edges, such that when joining the opposite sides thereof they stick together, making it possible to create non-predefined complex constructions very easily.

Materials used which can have one or several colours:

[0013]

- Parts made of wood or plastic, foam, EVA, fibreboard can further be made of any other differently coloured material, which can be flexible.

- Adherent strips of material placed on certain edges of the parts.

[0014] Primary colours shall be used for the basic models.

[0015] For special models, each part can have one part of a drawing to form the whole image, like a 3D puzzle, or different parts of a whole, such as for example, the parts of a house, which on joining them together will form the house in different forms.

Function:

[0016] The main function is recreational, aimed at play for children between 1 and 12 years of age.

[0017] It is a game of intellect and skill that develops imagination and creativity. 5

[0018] Since the parts do not have a single point of attachment and it is extremely easy to attach and detach, it could be a toy for very young children.

[0019] As the child grows older there are increasing possibilities to make very complex non-predefined constructions, which extends the recommended age for use and is ideal for playing in a group, for children, parents and grandparents, in countless ways. 10

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Claims

1. Adherent parts for composition and/or construction games having shapes of objects or geometric shapes, such as a square, rectangle, bar or pillar, cube, prism, triangle, rhombus, pentagon, hexagon, star, circle, **characterised by** having all or part of their perimeter covered with strips of adherent material, making it possible to stick them and detach them forming non-predefined constructions. 20 25
2. Adherent parts for composition and/or construction games, according to claim one, **characterised by** having a number of their joining edges curving outwards. 30
3. Adherent parts for composition and/or construction games, according to preceding claims, **characterised in that** they are embodied in wood, plastic, foam, EVA, fibreboard and can further be made of any other flexible material. 35
4. Adherent parts for composition and/or construction games, according to preceding claims, **characterised in that** the elements that form the bottom surfaces have adherent strips on their edges and on the lower base. 40
5. Adherent parts for composition and/or construction games, according to preceding claims, **characterised in that** the parts can be decorated with colours or drawings which, when attached to the other parts, form a complete graphical representation. 45

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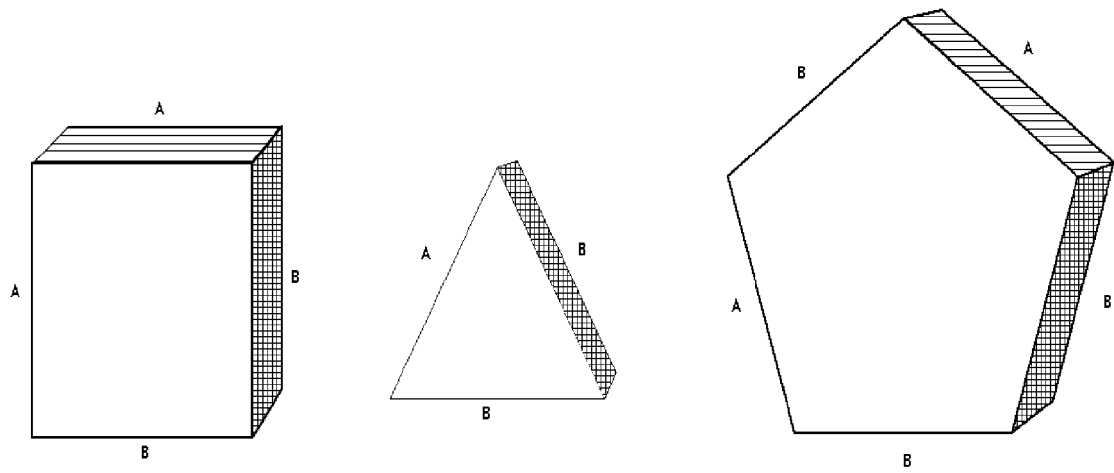


FIGURA 1

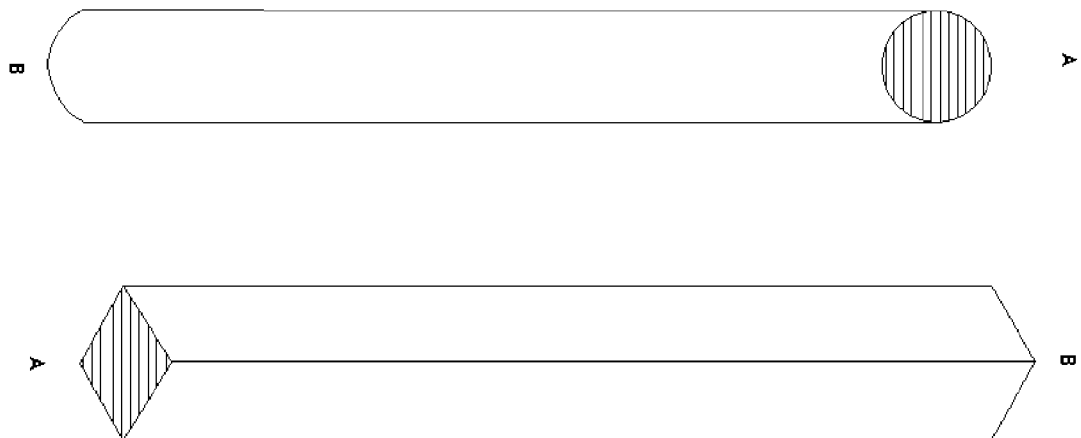


FIGURA 2

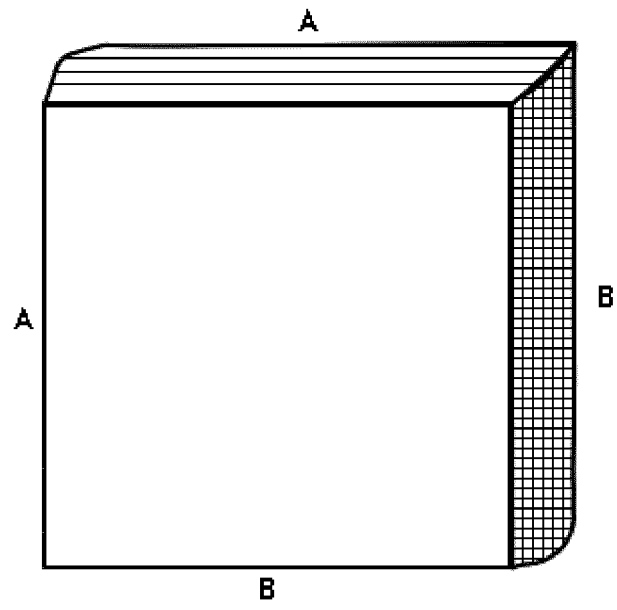


FIGURA 3

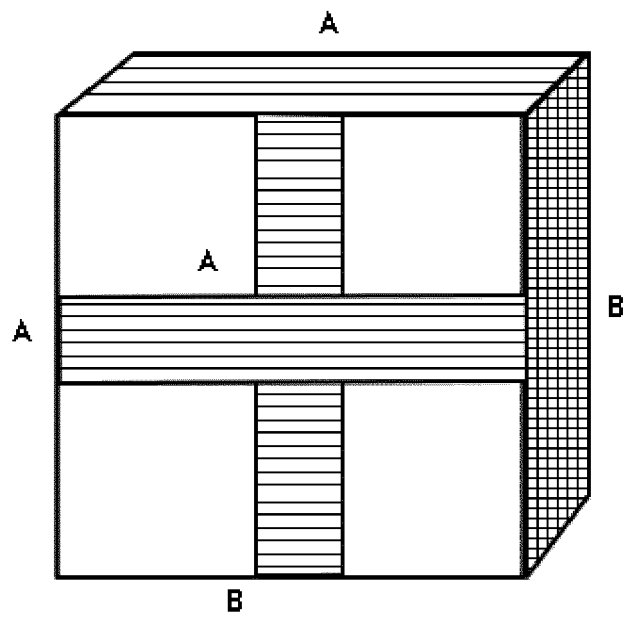


FIGURA 4

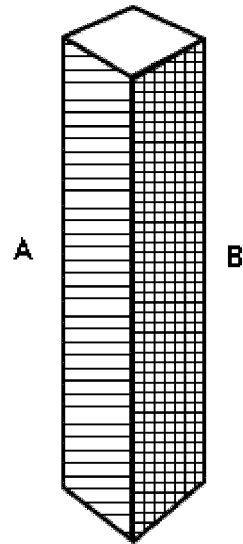


FIGURA 5

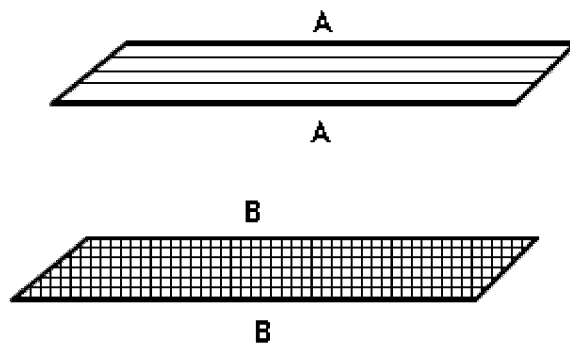


FIGURA 6



EUROPEAN SEARCH REPORT

Application Number
EP 13 15 5674

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	DE 20 2007 004177 U1 (WALTER CARMEN [AT]; WALTER CHRISTINA [AT]) 31 May 2007 (2007-05-31) * paragraph [0006] - paragraph [0011]; figures *	1-5	INV. A63H33/04
X	EP 0 776 683 A1 (BRUNNER BERNHARD [IT]; PICHLER JOHANN [IT]) 4 June 1997 (1997-06-04) * column 4, line 3 - column 5, line 44; figures *	1-5	
X	EP 1 378 280 A2 (QUERCETTI ALESSANDRO & CO [IT]) 7 January 2004 (2004-01-07) * claims; figures *	1-5	
A	KR 2011 0009748 A (PARK EUN WHA [KR]) 31 January 2011 (2011-01-31) * the whole document *	1-5	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			A63H
Place of search		Date of completion of the search	Examiner
Munich		15 May 2013	Lucas, Peter
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			

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EPO FORM 1503 03.82 (P04C01)

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

EP 13 15 5674

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
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15-05-2013

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 202007004177 U1	31-05-2007	AT 9259 U1	15-07-2007
		DE 202007004177 U1	31-05-2007

EP 0776683 A1	04-06-1997	EP 0776683 A1	04-06-1997
		IT BZ950005 U1	02-06-1997

EP 1378280 A2	07-01-2004	NONE	

KR 20110009748 A	31-01-2011	NONE	

EPO FORM P0459

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