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(54) **Constructive provision applied in protective cover for sports courts technical field**

(57) A protective cover for sports court consisting of a tarp to cover an entire sports court, where the mentioned bag is placed on inclined rails, where these stringers are sustained for support, and the mentioned supports present decreasing length from the net separating

the courts, in the case of a tennis court, even along the extreme edges, where these extreme edges the mentioned canvas cover passes the sloping stringers and is attached to the inside of the chute by pins arranged in the inclined wall inside the mentioned chute.

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Description

[0001] The following descriptive report refers to the development of a tarp to cover a sport court, with a gutter laid all around the court, that gutter serves as a means of water runoff, to the water that was captured by the cover placed over the court; while that cover is kept high and held on to the court by suitable attachment means.

STATE OF THE ART

[0002] Covers with tarps for sports courts are well known, particularly in tennis courts. These covers consist of a canvas of large proportions that is unrolled over the sports court to be protected.

[0003] The document MU 8001562-0 LUCAS (2000) reveals a retractable/manual cover for sports court with permeable floor, comprised of two tubes are stored at the back of the court and are wrapped by canvas they allows at this moment the passage of water beneath them, by using the parts that suspend the reels when stored in the background.

[0004] ANNONI (2008) shows the MU 8802902-6 a canvas cover Consisting of two parts which overlaps on the sports court, so as to protect it against rain water, allowing its use immediately after the rain stops. The closure of the canvas is with Velcro, with rubber on the sides and to keep it attached to the ground sandbags are used in corners of the the court. It's also provided a layer of protection to be embedded to the intermediate net; besides, steel rebar around the court, inside the gutters, to fix the loops.

[0005] A of protective covering system for sports courts or similar is described in the PI 9901044-5 LIMA (1999), which uses basically a winding tube, on which is fixed one of the ends of the protective cover, and the other end is fixed on the grid of the water collecting box, which provides a drop for water and dirt runoff directly to that collector box, as well as allows the cover to roll on the tube, covering or uncovering the court or pool, providing a uniform winding / unwinding of the cover, and such action can be done automatically through the use of a motor reducer, or manually when done by the users themselves.

DISCUSSION

[0006] Thus, due to the considerations pertinent to the state of the art discussed above; is one of the objectives of the constructive provision applied in protective cover for sports court, the employment of a gutter which goes around the perimeter of the court, to capture rainwater to lead it to culverts (not shown. The tarp covering the court becomes stretched over it through pins that are connected to sockets on the ground.

[0007] Moreover, it is foreseen the use of supports so that the canvas cover is inclined like a roof, causing the water rain to drain much faster.

LIST OF FIGURES

[0008] The depiction of this document for the patent of utility model is made through drawings of the constructive provision applied in protective covers for sports courts, so that the cover can be fully reproduced by proper technique, allowing full characterization of the functionality of the object sought.

[0009] From the figures elaborated that expresses the best form or preferred form to make the product here idealized, is founded the descriptive part of the report , through a detailed and consecutive numbering, where this clarifies aspects that may be implied by the representation adopted in order to clearly determine the protection required herein.

[0010] These figures are illustrative only and may vary, and as long as they don't depart from the initially pleaded.

[0011] In this case one has to:

FIGURE 1 illustrates a cut in a cover made according to the provisions of the proposed model, showing the structure support of the canvas cover;

FIGURE 2 shows a detail of the point of attachment of the canvas in the gutter for water drainage;

FIGURE 3 shows a court covered with canvas.

DESCRIPTION

[0012] A preferred way of realization consists of a canvas cover (1) to cover an entire sports court (2), where such tarp is placed on tilted stringers (3), where these stringers are sustained by supports (4), and the mentioned supports (4) present decreasing length from the net (5) separating the courts, on a tennis court until, the extreme edges (6), where on these outer edges (6) the mentioned tarp (1) passes over the tilted stringers (3) and is attached to the inside of the chute (7) by pins (8) arranged in the wall inclined (9) inside of said chute (7).

Claims

1. CONSTRUCTIVE PROVISION APPLIED IN PROTECTIVE COVER FOR SPORTS COURT, **characterized by** consisting of a tarp (1) to cover an entire sports court (2), where the mentioned bag is placed on inclined rails (3), where these stringers are sustained for a support (4), and the mentioned supports (4) present decreasing length from the net (5) separating the courts, in the case of a tennis court, even along the extreme edges (6), where these extreme edges (6) the mentioned canvas cover (1) passes the sloping stringers (3) and is attached to the inside of the chute (7) by pins (8) arranged in the inclined wall (9) inside the mentioned chute (7).

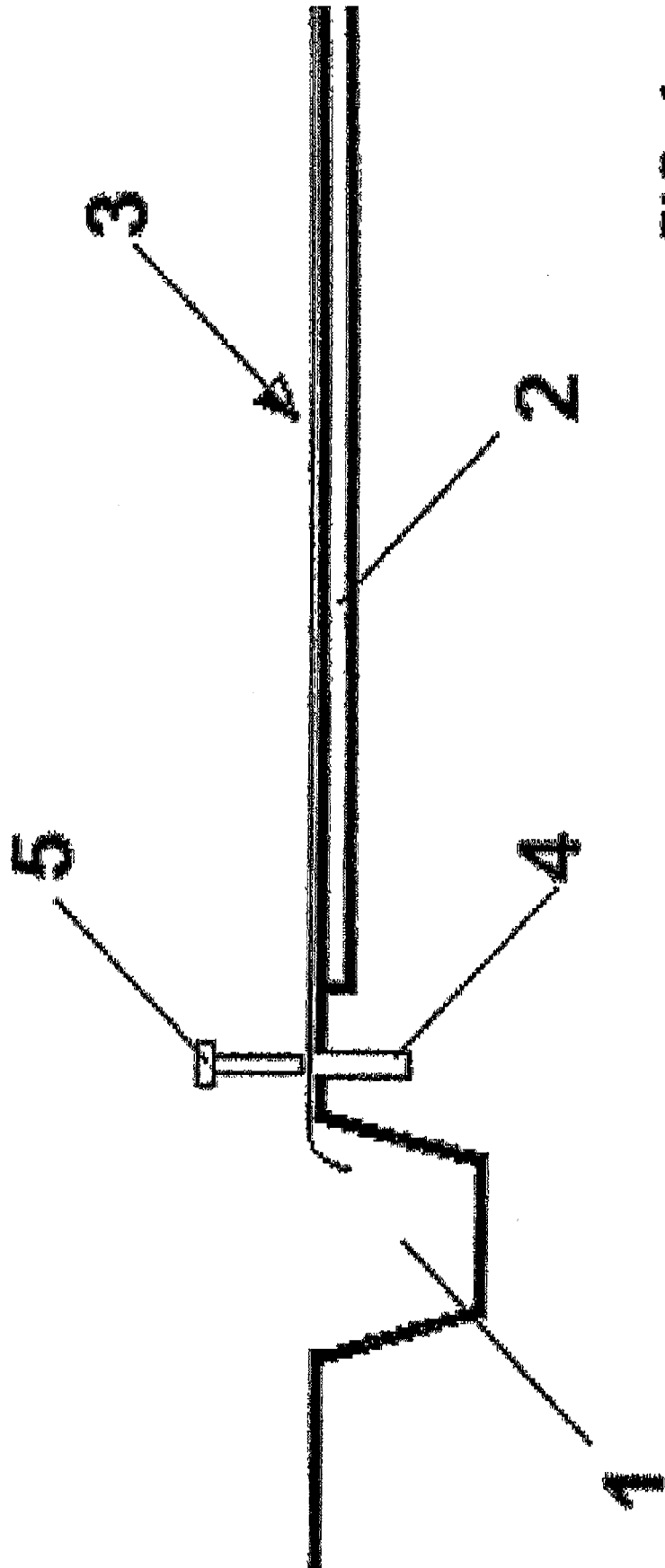


FIG. 1

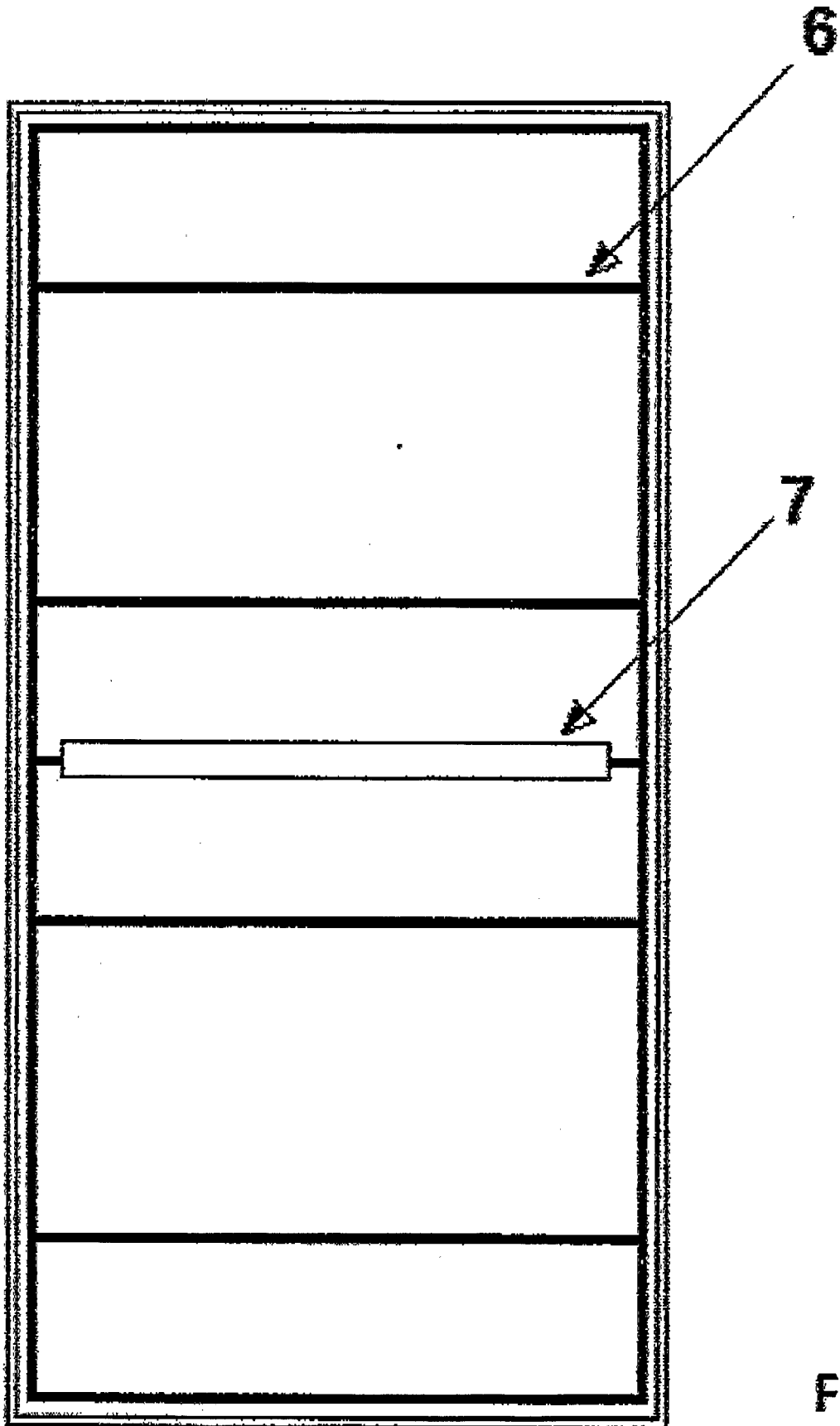


FIG. 2

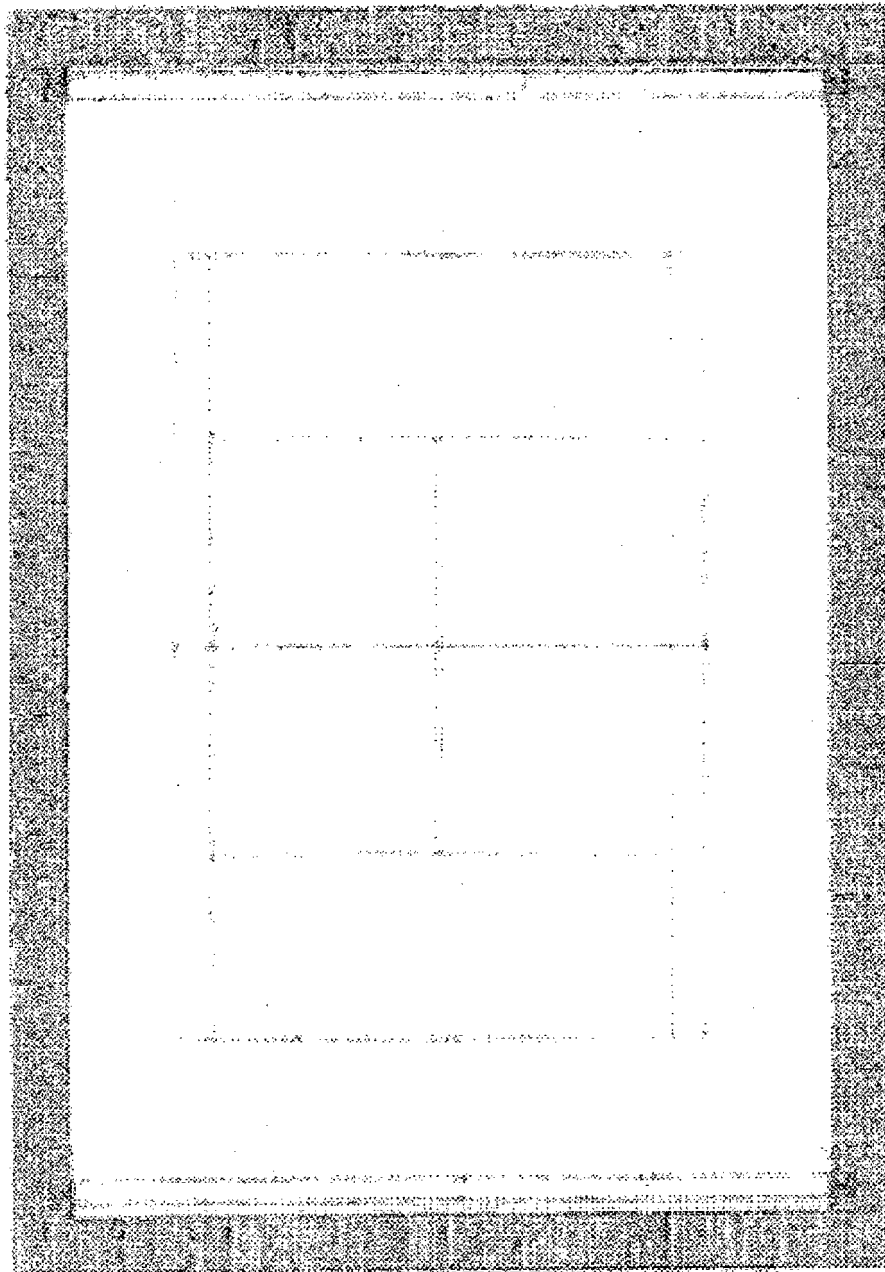


FIG. 3

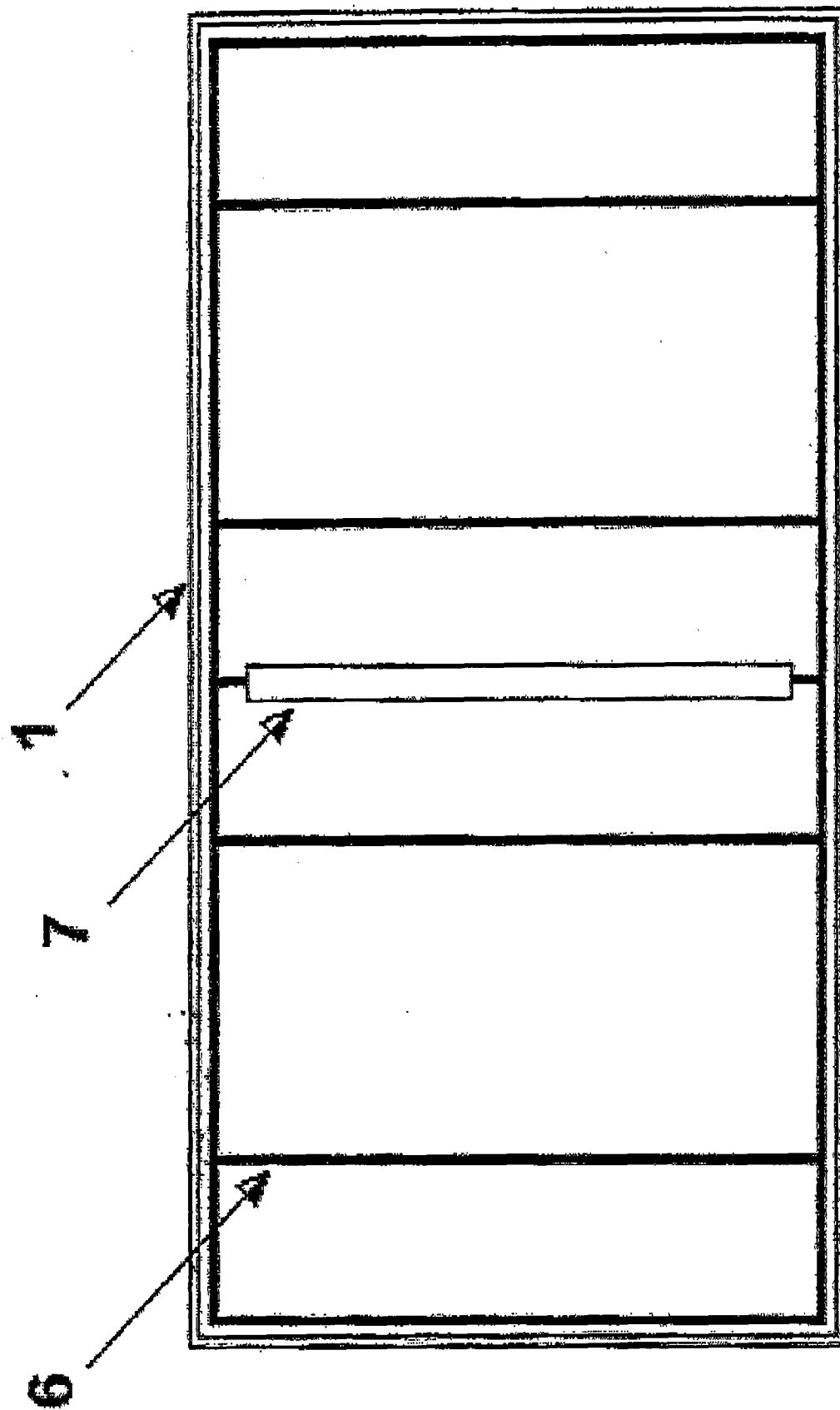


FIG. 4



EUROPEAN SEARCH REPORT

Application Number
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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	FR 2 742 788 A1 (JANKOVIC RADE [FR]) 27 June 1997 (1997-06-27) * page 3, line 5 - page 6, line 7; claim 4; figures 1-3 *	1	INV. A63C19/12
A	FR 2 088 712 A5 (JEROCH FRIEDRICH) 7 January 1972 (1972-01-07) * page 5, line 16 - page 8, line 37; figure 7 *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			A63C
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 24 April 2014	Examiner Brunie, Franck
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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

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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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24-04-2014

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FR 2742788	A1	27-06-1997	NONE	

FR 2088712	A5	07-01-1972	NONE	

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