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(54) **Carrying device.**

(57) A device for carrying various packages of goods. By aid of the device, various sizes and shapes of packages without a string or a handle can be carried either one package at a time or several packages bundled together. The device comprises a carrying handle (1) and a string (3) attached thereto. The carrying handle (1) is placed on top of the package to be carried and in the middle thereof, and the string is tied twice around the package and then fastened to the handle and to the locking groove (7). The making of knots is unnecessary, and the string is released from the locking groove by a twitch of the hand.

EP 0 250 655 A1

CARRYING DEVICE

The present invention relates to a carrying device for facilitating the carrying of various packages of goods.

Currently the typical package to be carried is for example a corrugated cardboard box. The supplier closes the box with an adhesive tape, but it is not provided with string which would help to carry the box. Similar burdens which are troublesome to carry are for instance all sacks, bags and other such bundles not provided with a handle.

When the size or weight of such a package surpasses the measures which are easily carried under the arm, the burden must be carried with both hands, in which case every key, lock, door and elevator presents an obstruction so that the carrier must release one hand by placing the package on the ground. After the obstruction is cleared, the carrier must again bow down and lift the package with both hands.

If the burden to be carried is formed of several similar or different packages, the carrying is even more difficult unless they are tied together with string to form one uniform burden. If this is done, or even if the original package were provided with a string, the fact is that the heavier the burden and the longer the carrying distance, the more the string cuts into the fingers of the carrier.

One solution for the aforementioned problem is introduced in the US Patent Publication 2 608 328. It consists of an articulated carrying handle composed of two parts, and two lengths of spring attached to both ends of the handle. Thus the device is provided with two separate pieces of string. Both strings are once tied around the package to be carried and thereafter locked to respective ends of the handle by means of passing the string to under two fastening tongues.

In the solution of the present invention, which is simpler than the one described below, the carrying handle is also placed on top of the package and in the middle thereof. The string provided in the device and attached to its other end is tied, at two separate points, parallelly around the package via the hooks located in the handle, whereafter the string is locked in the locking member arranged at one end of the handle, which locking member is advantageously a downwards narrowing locking groove.

In a preferred embodiment of the invention, both ends of the handle are provided with locking members which are for example locking grooves, so that the string is not permanently fastened to either end of the handle. In another and more

advantageous embodiment, however, one end of the string is essentially permanently fastened to one end of the handle, in which case the string is always carried together with the handle.

5 In the following the invention is explained in more detail with reference to the appended drawing, which is an illustration of the carrying device of the invention, fastened around a package.

10 The carrying device illustrated in the drawing comprises the carrying handle 1 and the string 3 and the hook 4 attached to the first end 2 of the handle 1, as well as the hook 6 and the locking groove 7 provided at the second end 5 of the handle 1.

15 The device is operated as follows. The handle is placed against the package to be carried. The string 3 attached to the first end 2 of the handle 1 is tied around the package, whereafter it is passed via the hook 4 located on the opposite side of the same end of the handle, then via the similar hook 6 located on the same side of the other end 5 of the handle and again around the package; then the string is attached to the locking groove 7 of the handle.

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Claims

30 1. A carrying device for facilitating the carrying of various packages of goods, the said device comprising a carrying handle (1) provided with strings to be fastened to the package, **characterized** in that the carrying handle (1) consists of a string (3) and a hook (4) attached to the first end (2) thereof, and a hook (6) and a locking member (7) attached to the second end (5) thereof, so that the string (3) can be passed, at the first end (2), around the package, and via the hooks (4, 6) another time around the package, whereafter the string (3) can be fastened to the locking member (7).

40 2. The carrying device of claim 1, **characterized** in that the locking member (7) is a downwards narrowing locking groove, the edges of the groove being provided with sharp denticles (8) which are bent downwards, in a slanted fashion, in the pulling direction of the string.

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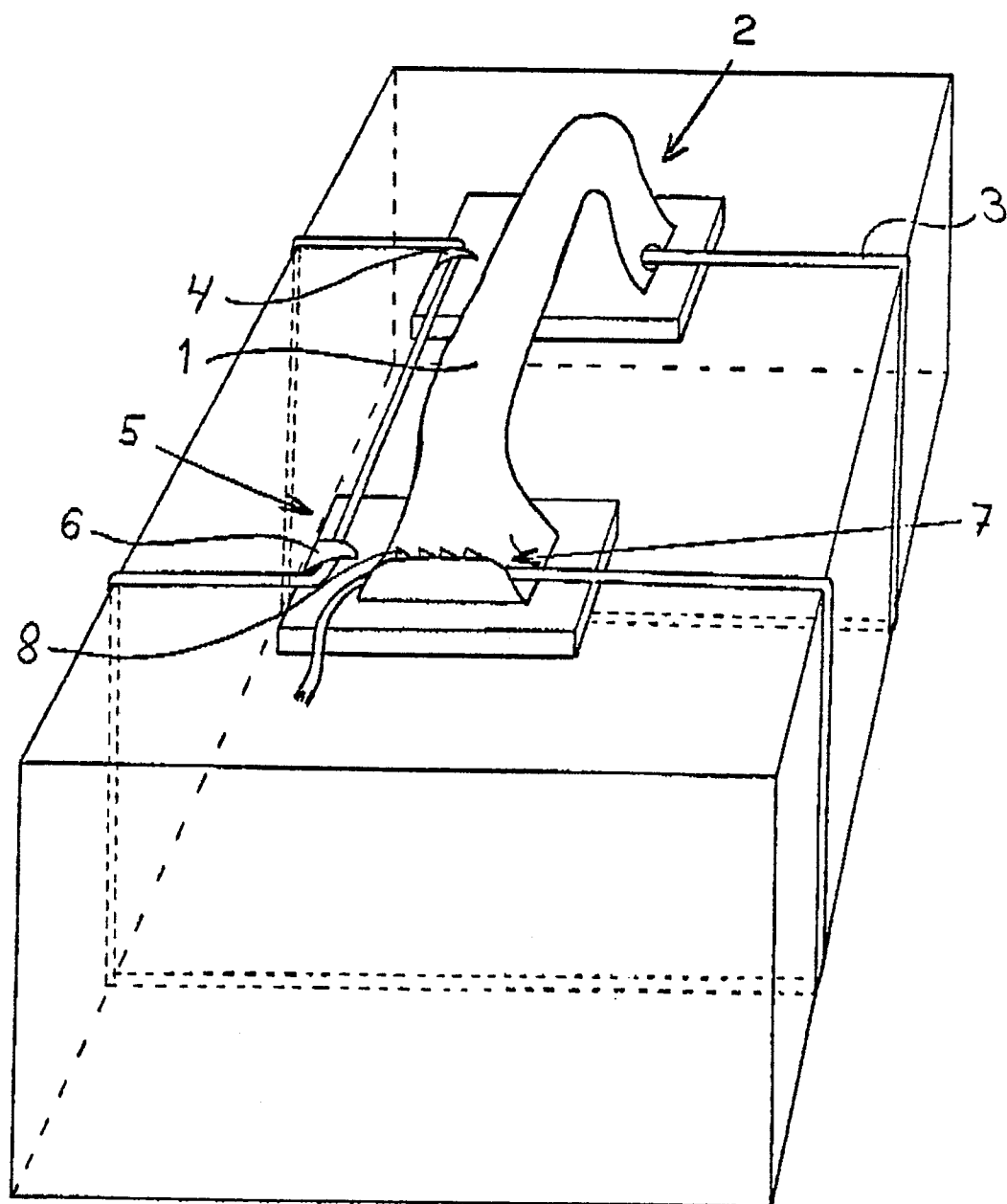


FIG 1.



EP 86 20 1171

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	GB-A- 166 280 (HOLLYER) * Page 1, lines 44-73; figures 1-4 *	1	A 45 F 5/10 B 65 D 75/56
A	FR-A-1 371 920 (LE GUILCHER) * Page 1, right-hand column, lines 15-23; figures 1-6 *	2	
A	GB-A- 191 923 (HOLLYER)		
A	FR-A- 474 396 (DESPLATS)		
A	FR-A-2 195 561 (DUCROUX)		
D, A	US-A-2 608 328 (OLSON)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10-03-1987	Examiner SIGWALT C.
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