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(54) **Clothing hanger, multiple and having rotatory sections applicable to windows**

(57) Multiple revolving bar clothes hanger attachable to windows characterised in that it is attached to the building by means of an arm (1) and is provided with two supports (3) and a lean-to roof (4) which may move vertically allowing passage of an airflow (5), and provided

with revolving bars (8) for hanging clothes. Over the axis of the hanger are provided two half-inserts (6.1) placed between washers (6.2). The top washer supports part (7) and is held transversely by screw (14). The entire set is held from the bottom by a nut and locknut system.

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Description

PURPOSE OF THE INVENTION

[0001] The invention proposed herein relates to a clothes hanger, multiple and having rotary sections, applicable to windows, from among the extendible clothes hangers, multiple and rotary, for outdoor use, constructed with a protective, cylindrical enclosure.

[0002] It is characterised in that it incorporates a centre pole top cover, as well as in that it has rotary sections for hanging, arranged anchored around a perforated tronco-conical piece supporting on the upper side a rotary annular assembly common to all of them, which incorporates some sleeves fed-through this annular assembly and with the lower end of the centre pole threaded to an assembly fastening nut and the upper end fixed to the wall and in turn supported by the latter.

BACKGROUND OF THE INVENTION

[0003] Outdoor clothes hangers, fixed or extendible, as well as with pulleys and other conventional similar means are very well known in the state of the art and need no further explanatory remarks in the respect.

[0004] The applicant is unaware of the existence of window clothes hangers which come with rotary arms, anchored to a common piece, through which pass as a pole fixed in the wall and supported by it, having the characteristics of that described hereinafter.

DESCRIPTION OF THE INVENTION

[0005] The invention object of the present specification relates to a clothes hanger, multiple and equipped with a set of rotary sections, applicable to windows, from among the clothes hangers, multiple and rotary, for outdoor use, constructed with cylindrical protective enclosure.

[0006] It is characterised in its disposition for mounting against a wall or any other load-bearing element of a building and, at the same time, its being anchored to the latter, as well as the incorporation of a chimney cover which serves as the pole top shelter, freely mounted, in such a manner that it does not impede the free circulation of the damp air flow produced during the drying process of the washing, in an upward stream in increasing intensity as the axis is approached and facilitates the escape of air movement resulting from unexpected gusts of wind and which could damage the hanger.

[0007] This hanger comes with rotary sections on which the washing is hung, said sections being arranged anchored in an equidistant and conventional manner in an annular rotating assembly, by lateral insertion, fitted into an internal recess of an axially drilled piece, providing common support for all of them through the aforesaid annular assembly.

[0008] The annular assembly incorporates a sleeve,

between two half-insert pieces and is held by a nut-lock-nut arrangement, with lower threaded closure of the assembly with respect to the common centre pole, the upper end of which is fixed to the wall, anchored and, at the same time supported against said wall with two lower arms, in vertical alignment or not.

[0009] Above this piece, in a fixed constitution with respect to the centre pole, with its upper end anchored conventionally on the upper oblique face thereof, is mounted a large, translucent awning, for the purpose of permitting sunlight to pass after filtering out the UV rays, as well as being provided on the underside, anchored to a rim thereof, with an external circumferential profile, from which hang the curtains that define the generators of this cylindrical structure, providing protection from dust and inclement weather and facilitating the chimney effect together with the mobile chimney top.

[0010] The awning is divided into sectors of a circle by a series of radial sections and has, at least, one of these sectors hinged, for the purpose of permitting the user to introduce and remove the washing.

DESCRIPTION OF THE DRAWINGS

[0011] To complete this description of the present invention and in order to facilitate the best and most straightforward understanding of the characteristics thereof, this specification is accompanied with a set of drawings forming an integral part thereof, in which drawings are shown in an illustrative and not restrictive manner, the following:

Figure 1 shows a view in section of a side elevation of the hanger in cylindrical construction, of the present invention.

Figure 2 shows a top view of the hanger with its arm, as well as a detail of the finish of the radial section insertion and of the translucent awning.

PREFERRED IMPLEMENTATION OF THE INVENTION

[0012] In the light of the foregoing statements, the present invention relates to a clothes hanger, multiple and with rotary sections for carrying washing, applicable to windows, from among those of construction with cylindrical protective enclosure, with centre pole and means for external protective covering, essentially characterised in that its disposition is supported on a load-bearing element of a building and, at the same time, it is anchored to this, based on an arm (1) bent or split, fixed to the wall (2) or similar and which has two brackets (3) and which includes on the axis a top (4), free to move vertically, to permit the drying air flow (5) to pass, and is also provided with rotary sections for hanging, inserted internally or welded, in a radial arrangement, with respect to a sleeve (6) having at each extremity a half-

insert (6.1), in symmetrical and specular configuration, of nylon, for the purpose of facilitating the rotation of the sections (8) and mounted between two washers (6.2).

[0013] The upper washer (6.2) sustains a piece (7) perforated axially and transversally fixed to the arm (1) by means of a threaded screw (14) running through the latter.

[0014] The pole or arm (1), threaded at the bottom, incorporates the assembly which, on the underside, is held by a nut-locknut arrangement (9) with securing washer (9.1), the radial sections (10) of the awning being anchored (10.1) to the upper face of the piece (7), said sections being of tubular construction and doubly vaned, and supporting another tubular section (11), inserted in a rim of this section (10) and configured identically to it, as well as arranged at right angles and which constitutes the external circumference, from which are suspended the protective curtains (12) which also facilitate the chimney effect together with the top (4).

[0015] The diametrical vanes of the section (10) hold some pieces (13) in the form of circular sectors, transparent or translucent, all being stiff, except for one which is hinged (13.1), for the purpose of introducing and recovering the washing.

[0016] The essential nature of this invention is not altered by variation in materials, form, size and arrangement of the constituent elements, described in a non-restrictive manner, sufficient for an expert in the subject to proceed to its replication.

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Claims

1. Clothes hanger, multiple and having rotary sections applicable to windows, of among those constructed with cylindrical protective enclosure, with centre pole and external protective cover, essentially characterised in its disposition supported by a load-bearing element of a building and, at the same time, being anchored to the latter, based on a curved or split arm (1) fastened to the wall (2) or similar and which has two supports (3) and constituted on the pole is a top cover (4), free to move vertically, for passage of the drying air flow (5), and also provided with rotary sections (8) for hanging, of internal insertion or welded, in a radial arrangement, with respect to a sleeve (6) with two specular symmetric half-inserts (6.1) at the ends and positioned between two washers (6.2).

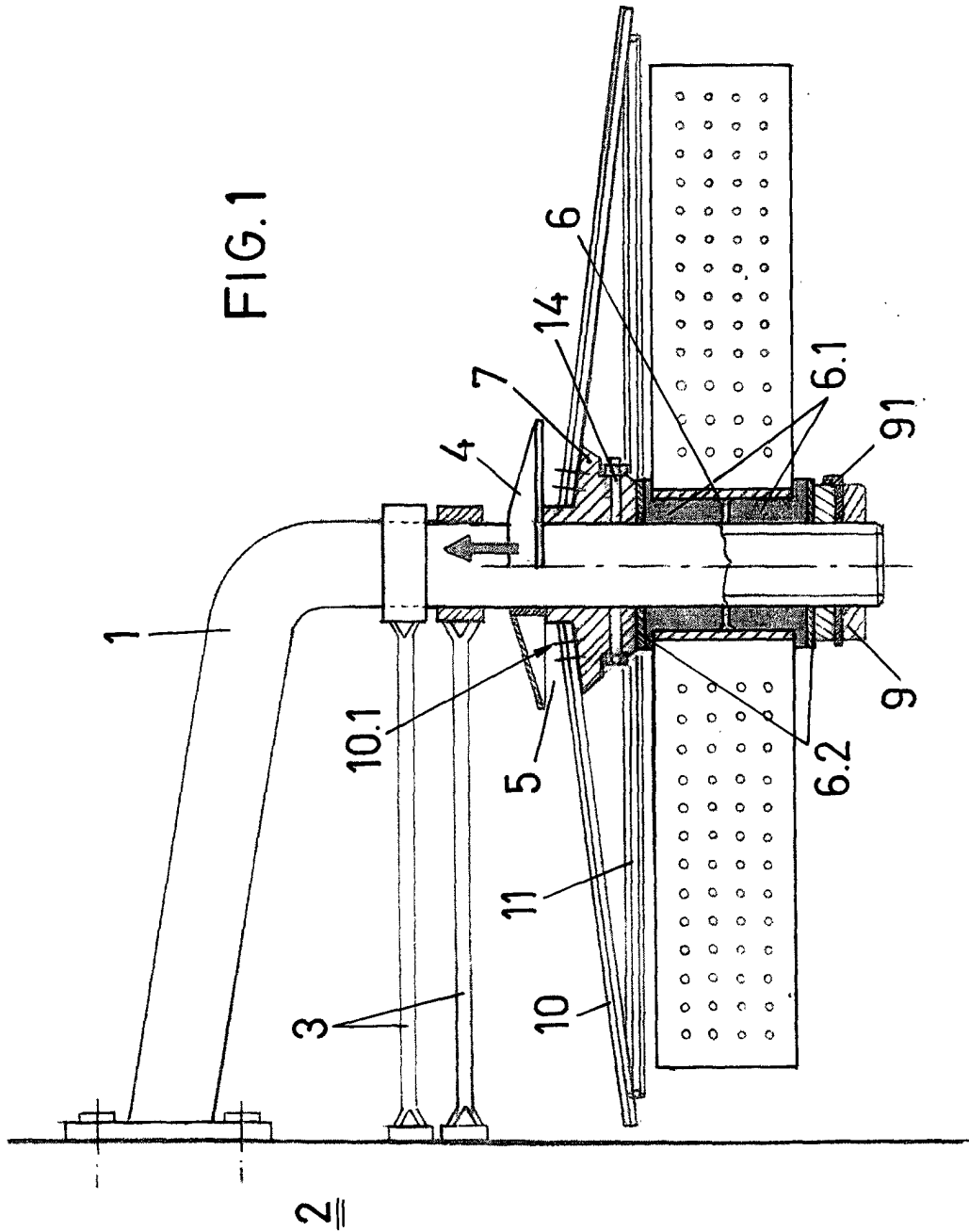
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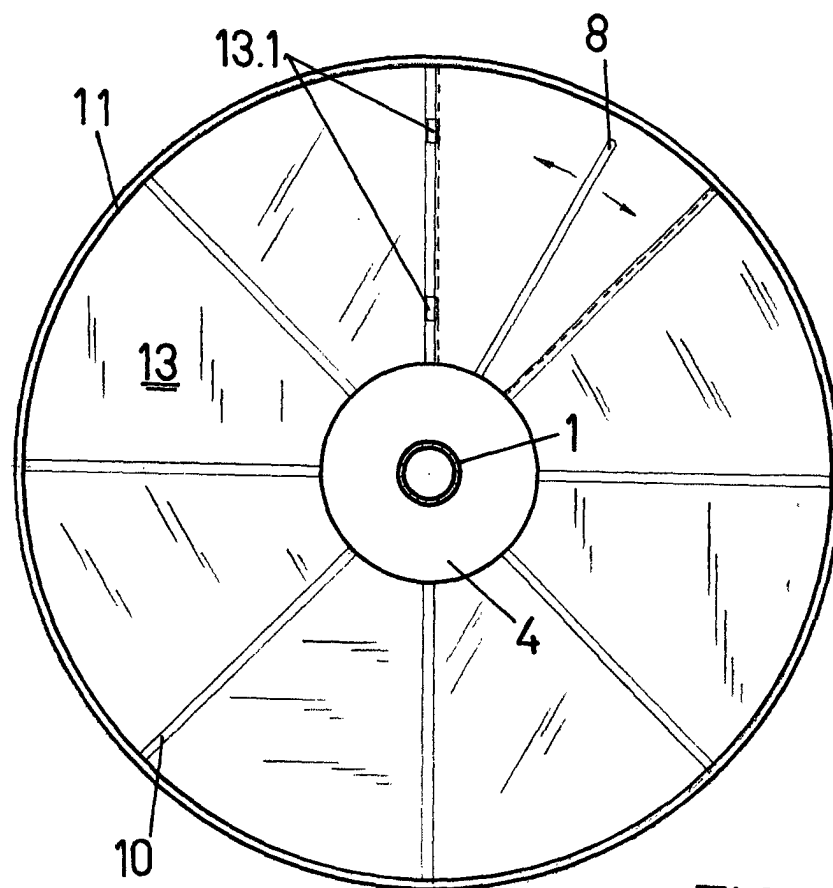
2. Clothes hanger, multiple and having rotary sections applicable to windows, in accordance with the previous claim, **characterised in that** the upper washer (6.2) supports a member (7), axially perforated and transversally fixed to the arm (1) by means of a threaded screw (14) running through the latter.

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3. Clothes hanger, multiple and having rotary sections

applicable to windows, in accordance with the previous claim, **characterised in that** the pole or arm (1), threaded at the bottom, incorporates into the assembly which, at the bottom, is held by a nut-locknut arrangement (9) with securing washer (9.1), the radial sections (10) of the awning being anchored (10.1) to the upper face of the piece (7), said sections being of tubular form and doubly vaned, offering support for another tubular section (11), inserted in a recess of this section (10) and configured identically thereto, as well as positioned at right angles and which constitutes the outside circumference, from which hang the curtains (12), for protection and facilitating the chimney effect together with the top (4) and the pieces (13), the latter being arranged in circular sectors, translucent and all of them rigid, except for one which is hinged (13.1), for the purpose of introducing and removing the washing, as well as being supported by the diametric vanes of the section (10).







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EUROPEAN SEARCH REPORT

Application Number
EP 01 50 0032

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.7)
A	US 2 498 518 A (ZINGMAN S) 21 February 1950 (1950-02-21) * the whole document *	1	D06F57/12
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 227 (C-0718), 15 May 1990 (1990-05-15) -& JP 02 055099 A (SHOICHI KOTOBUKI), 23 February 1990 (1990-02-23) * abstract *	1	
A	US 1 345 523 A (WASZKIEWICZ S) 6 July 1920 (1920-07-06) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			D06F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 May 2001	Examiner Norman, P
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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**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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22-05-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2498518 A	21-02-1950	NONE	
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US 1345523 A	06-07-1920	NONE	

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