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- (72) **Inventor; and**
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00173 Roma (IT).
- (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,

KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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Declarations under Rule 4.17:

- of inventorship (Rule 4.17(iv))

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

[Continued on next page]

(54) **Title:** SYSTEM CONVERTIBLE OF BALCONY - STRUCTURE OF AUTOMATIC PROTECTION -

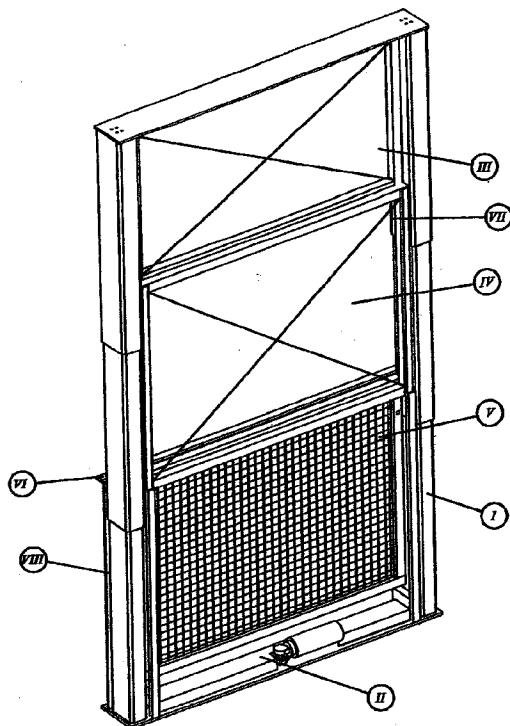


Figure 2

(57) **Abstract:** The basic concept of the project starts from the design of a module made from automatically telescoping elements that set in motion, as called for by the situation, panes of glass and/or screen panels meant to close off the areas in question, protecting them from variable conditions of inclement weather and flying insects. The objective is for the uprights on the sides of each module not to be fixed but to feature a hideaway design. In other words, they would consist of two-stage telescoping columns (in one setting, fully closed with panes of glass; in the other setting, semi-closed with glass and screening). In this way, when the elements are completely lowered, there are no structures encumbering the aperture. The entire mechanism is activated with a remote control and/or atmospheric sensors. The dimensions in mm of the basic model are: 110 OH x 1200L x 130D.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/IT2010/000379

A. CLASSIFICATION OF SUBJECT MATTER
 INV. E06B3/92 E04B1/00 E05F15/16
 ADD.
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 E06B E04B E04F E05D E05F
 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
 EPO-Internal, WPI Data

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/214744 A1 (HURST SAM K [US]) 20 September 2007 (2007-09-20)	6,7, 9-12,16
Y	* abstract paragraphs [0012], [0034], [0035] - paragraph [0039]; claim 6; figures 1-7 -----	13-15
Y	EP 1 707 726 A2 (ISA VENTCONTROL GMBH [DE] VKR HOLDING AS [DK]) 4 October 2006 (2006-10-04) paragraphs [0012], [0013]; figures 1,2 -----	13,14
Y	WO 02/064936 A2 (EXACTA FENSTER BAU GMBH [DE]; KLAUER HANS-JUERGEN [DE]) 22 August 2002 (2002-08-22) * abstract; figure 1; compounds 8,14,15,16,18,19 -----	15

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 22 February 2011	Date of mailing of the international search report 01/03/2011
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Koulo, G

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IT2010/000379

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: 1-5, 8
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IT2010/000379

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2007214744	A1	20-09-2007	NONE

EP 1707726	A2	04-10-2006	AT 434709 T 15-07-2009
		DE 202005005091 U1	11-05-2006
		ES 2328385 T3	12-11-2009

WO 02064936	A2	22-08-2002	NONE

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 1-5, 8

The application does not meet the requirements of Article 6 PCT, because claims 1-5,8 are not clear for the following reasons: Independent claim 1 is directed to a double-acting electromagnet, see designation of claim 1. However, the term "double-acting electromagnet" as used in the claims is vague and unclear and leaves the reader in doubt as to the meaning of the technical feature to which it refers, thereby rendering the definition of the subject-matter of said claims unclear. Furthermore, said claims are not supported by the description, since the term "double-acting electromagnet" is neither present in the description nor explained therein, so that no meaningful search could be performed for the claims.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.2), should the problems which led to the Article 17(2) declaration be overcome.