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(54) Title: MOTORIZED WINDOW COVERING ASSEMBLY

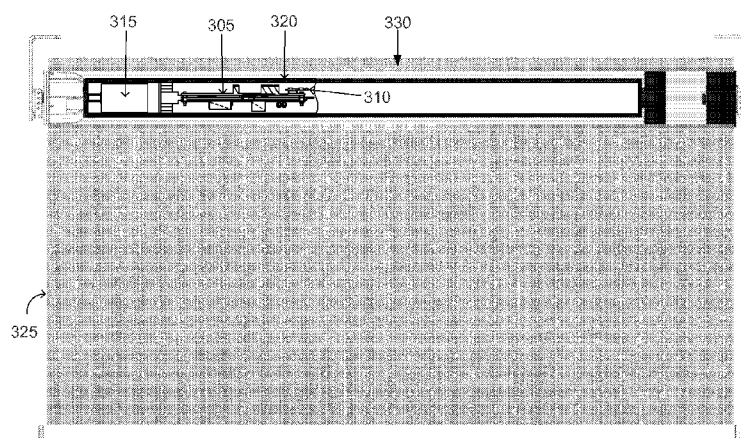


FIG. 3

(57) Abstract: Various embodiments relate to apparatuses and methods of attractive, low cost, controllable, or other featured motorized window covering assemblies. The use of a motor assembly with an integrated WiFi interface enables eliminating a setup box, resulting in lower cost. Eliminating the setup box and any associated wires further eliminates the eye sore that they may pose. These eliminations, along with an elongated motor assembly used in some embodiments, further enable the motor to be made less noticeable by, for example, making it easier to hide or camouflage. As one example, an elongated motor assembly, comprising an elongated casing surrounding the motor and the control board, is hidden inside a window covering holder. An IP address can be assigned to each motor, which enables addressing and controlling each motor individually from any remote device located anywhere with access to the internet.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2013/001347**A. CLASSIFICATION OF SUBJECT MATTER****E06B 9/40(2006.01)i, E06B 9/42(2006.01)i, G05D 25/00(2006.01)i, E06B 9/24(2006.01)i, H04Q 9/00(2006.01)i**

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 9/40; E05F 15/20; E06B 9/36; E06B 9/72; E06B 9/68; E06B 9/32; E06B 9/42; G05D 25/00; E06B 9/24; H04Q 9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: motorized window, control board, WiFi interface, signal, and RF interface

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2012-0090797 A1 (MULLET, WILLIS JAY et al.) 19 April 2012 See paragraphs [0032]-[0033], [0072]-[0078], [0086], [0092]-[0094] and figures 2, 4, 7, 11.	1-14, 17-19, 21-24
Y		15-16, 20
A		25-26
Y	US 2011-0048655 A1 (ANDREASEN, BJARNE RAVNDAL et al.) 03 March 2011 See paragraphs [0035]-[0036] and figures 1-4	15-16
Y	EP 0838574 A2 (HUNTER DOUGLAS INTERNATIONAL) 29 April 1998 See column 10, line 55 - column 11, line 20 and figure 13.	20
A	US 2012-0031567 A1 (SHIER, WILLIAM W. et al.) 09 February 2012 See paragraphs [0019], [0021]-[0025] and figures 1-5.	1-24
A	US 7091682 B2 (WALKER, WINSTON GLENN) 15 August 2006 See column 2, line 58 - column 3, line 22 and figure 1.	1-24



Further documents are listed in the continuation of Box C.



See patent family annex.

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"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

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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