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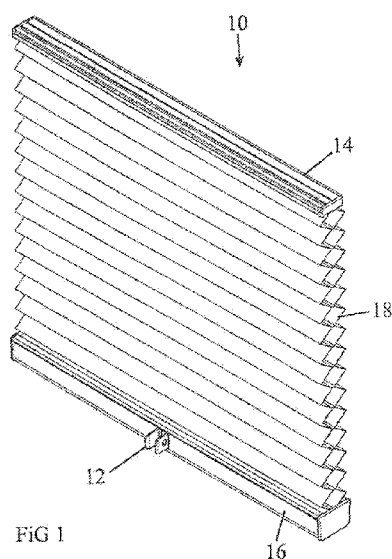
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(54) Title: CONTROL FOR MOVABLE RAIL



(57) Abstract: A covering for an architectural opening has a horizontal movable rail supported by cords, with a variety of configurations which allow the movable rail to be moved up and down while concealing the cords.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 12/27809

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A47H 5/00 (2012.01)

USPC - 160/84.01

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)
160/84.01Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
IPC(8): A47H 5/00 (2012.01)
USPC: 160/84.01-84.11Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST (PGPB, USPT, EPAB, JPAB) and Google: Window, architectural opening, covering, blinds, shades, bottom, up, top, down, upward, downward, lower, cord, rope, string, line, conceal, hide, hidden, visible, viewable, out, not, spool, reel, spindle capstan, windlass, counter, oppose, wind, wound, wrap, cordless, spring, lever, button, lock, mechan

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 2007/0023151 A1 (Judkins) 01 February 2007 (01.02.2007), entire document, especially para [0045]-[0050]; Fig. 1-3	15, 16, 18 and 23-24 — 17 and 19-22
Y	US 2006/0118248 A1 (Anderson et al) 08 June 2006 (08.06.2006), entire document, especially para [0477]-[0503]; Fig. 133, 134 and 134A	1-14 and 19-22
Y	US 7,096,917 B2 (Ciuca et al) 29 August 2006 (29.08.2006), entire document, especially col 5, ln 34 to col 6, ln 64	1-14
Y	US 2,401,770 A (Nardulli) 11 June 1946 (11.06.1946), entire document, especially col 2, ln 21-38; col 3, ln 34-70; Fig. 1	17
Y	US 2009/0283224 A1 (Kim) 19 November 2009 (19.11.2009), entire document, especially para [0056]; Fig. 1	9
A	US 2006/0196612 A1 (Strand et al) 07 September 2006 (07.09.2006), entire document, especially para [0038]-[0044]; Fig. 2, 6A and 7	1-24
A	US 2008/0202705 A1 (Cheng et al) 28 August 2008 (28.08.2008), entire document, especially para [0050]; Fig. 5	1-24



Further documents are listed in the continuation of Box C.



* Special categories of cited documents:

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“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

“&” document member of the same patent family

Date of the actual completion of the international search

23 May 2012 (23.05.2012)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0088562 A1 (Palmer) 11 July 2002 (11.07.2002), entire document, especially para [0034]-[0046]; Fig. 2	1-24
A	US 2007/0272364 A1 (Liang) 29 November 2007 (29.11.2007), entire document, especially para [0011]-[0014]; Fig. 1	1-24
A	US 6,948,545 B1 (Cheng et al) 27 September 2005 (27.09.2005), entire document, especially col 2, ln 27 to col 3, ln 59; Fig. 1-3	1-24
A	US 7,740,045 B2 (Anderson et al) 22 June 2010 (22.06.2010), entire document, especially col 7, ln 30 to col 8, ln 42; Fig. 6A-6B	1-24