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— *with international search report (Art. 21(3))*

[Continued on next page]

(54) Title: A MODULAR WALL ASSEMBLY AND METHOD FOR CONSTRUCTING A MODULAR WALL

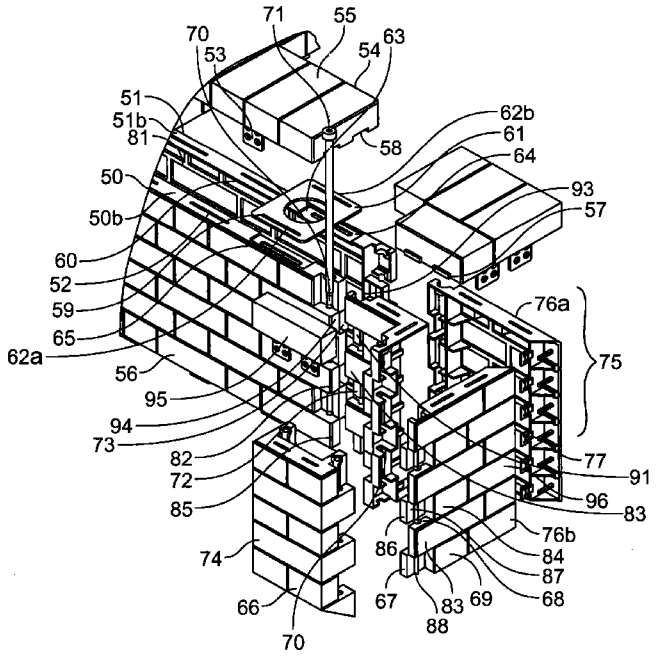


FIG. 26

(57) Abstract: A modular wall assembly (1) is disclosed for an eco-building, comprising at least a first panel (50) having a top edge (50a) and at least a second panel (51) having a top edge (51 a), the at least first and second panel (50), (51) being spaced apart and arranged face to face. A spacer element (59) is provided that is arrangeable in contact with at least a portion of both the top edge (50a), (51 a) of the first and second panel (50), (51). An upper wall member (54) is co-operable with at least a portion of the first and second panel (50), (51) so as to secure the position of the spacer (59). The spacer (59) is configured to maintain a predetermined distance between the at least one first and second panel (50), (51) to define a cavity (60) there-between. The cavity (60) is for receiving settable concrete when in use. Further the panel has a formed, textured surface.

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— *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))*

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INTERNATIONAL SEARCH REPORT

International application No
PCT/GB2015/050091

A. CLASSIFICATION OF SUBJECT MATTER
INV. E04B2/86
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)
E04B

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 practicable, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 117 443 A1 (RHODIUS GMBH & CO KG GEB [DE]) 5 September 1984 (1984-09-05) page 8, line 14 - page 10, line 29; figures 1-5 -----	1-3,5, 21,25, 28,29, 79,92,95

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"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)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"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

"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

"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	Date of mailing of the international search report
2 April 2015	14/12/2015

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Delzor, François

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2015/050091

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.: 96-99
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:

see additional sheet

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.:

1-6, 21, 25, 28, 29, 79, 92, 95

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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6, 21, 25, 28, 29, 79, 92, 95

   spacing element having spaced slots to provide a stronger link between spaced panels.

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2. claims: 7-10

   top cap protecting the concrete and providing an aesthetically pleasing terminus to a wall.

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3. claims: 11-20

   panel having a formed, textured surface for changing its appearance.

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4. claims: 22-24, 30-50, 93

   panels with co-operable side edges forming a channel in which a fixing means is received for preventing relative movement between adjacent wall assemblies.

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5. claim: 26

   corner panels with tang and bracket arrangement for a quick wall corner mounting.

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6. claim: 27

   adjustable foot arrangement for levelling a wall assembly on ragged terrain.

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7. claims: 51-78, 80-91, 94

   connector clip for quickly mounting a spacer between panels.

Continuation of Box II.2

Claims Nos.: 96-99

Claims 96 - 99 are defined by reference to the description and to the drawings. According to Rule 6.2(a) PCT, claims should not contain such references except where absolutely necessary, which is not the case here.

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 Guidelines C-IV, 7.2), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/GB2015/050091

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0117443 A1	05-09-1984	NONE	