



(11) **EP 2 518 230 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.11.2012 Bulletin 2012/47

(51) Int Cl.:
E04B 1/74 ^(2006.01) **F24D 12/00** ^(2006.01)
F24D 11/00 ^(2006.01)

(43) Date of publication A2:
31.10.2012 Bulletin 2012/44

(21) Application number: **12425047.3**

(22) Date of filing: **29.02.2012**

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**
Designated Extension States:
BA ME

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(72) Inventor: **The designation of the inventor has not
yet been filed**

(30) Priority: **03.03.2011 IT CH20110001**

(54) **Energy efficient building**

(57) Public and private residences with frame buildings, which are made from laminated wood construction system "xlam" from forest certified by FSC, subject to planting controlled, powered for all its functions only with

electricity produced from renewable sources and managed in the entirety and with home automation system software.

EP 2 518 230 A3



PARTIAL EUROPEAN SEARCH REPORT

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of subsequent proceedings, as the European search report

EP 12 42 5047

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2008/105913 A2 (KINEO DESIGN GROUP LLC [US]; PLAISTED JOSHUA REED [US] PVT SOLAR INC []) 4 September 2008 (2008-09-04) * claims 1,3,4,16,21,23,35,38,40 * -----	2	INV. E04B1/74 F24D12/00 F24D11/00
			TECHNICAL FIELDS SEARCHED (IPC)
			E04B F24D
INCOMPLETE SEARCH			
The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.			
Claims searched completely :			
Claims searched incompletely :			
Claims not searched :			
Reason for the limitation of the search: see sheet C			
Place of search Munich		Date of completion of the search 17 October 2012	Examiner Rosborough, John
CATEGORY OF CITED DOCUMENTS		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	
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			

3
EPO FORM 1503 03.82 (P04E07)



**INCOMPLETE SEARCH
SHEET C**

Application Number
EP 12 42 5047

Claim(s) searched incompletely:

2

Claim(s) not searched:

1, 3-6

Reason for the limitation of the search:

According to Rule 137(1) EPC the applicant may not amend the claims before receiving the search report. Hence the claims filed with the applicant's letter dated 29.09.2012 can not be admitted, and the incomplete search has been carried out, pursuant to Rule 63 EPC, on the originally filed claims insofar as it is possible to carry out a meaningful search. The reasoning as to the extent of the subject matter claimed for which it is possible to carry out a meaningful search is provided below.

Claim 1.

Claim 1 does not meet the requirements of Article 84 EPC as :

(i) The category (i.e. "product" or "method") of the claim is not clear (cf. EPO Guidelines F-IV, 4.1).

(ii) The claim does not contain clear technical features or method steps. For these reasons, a meaningful search of the whole claimed subject-matter of claim 1 can not be carried out (Rule 63 EPC).

Claim 2.

Claim 2 does not meet the requirements of Article 84 EPC as :

(i) The category (i.e. "product" or "method") of the claim is not clear (cf. EPO Guidelines F-IV, 4.1).

(ii) The designation of the claim is not clear. That is to say, it is not clear what exactly is being claimed - for example an "operation method", a "dwelling" or a "control system".

For these reasons, and in the light of the applicant's response to the Invitation pursuant to Rule 62a(1) EPC and Rule 63(1) EPC, the search of claim 2 has been based on the following subject matter :

- a method of construction of a building in the form of a dwelling, whereby the operation of all of the household appliances, of the loads and of the heating system of the dwelling are totally electric and managed by an exclusive software to control home automation.

Claim 3.

Claim 3 does not meet the requirements of Article 84 EPC as :

(i) The category (i.e. "product" or "method") of the claim is not clear (cf. EPO Guidelines F-IV, 4.1).

(ii) The claim does not contain clear technical features or method steps. For these reasons, a meaningful search of the whole claimed subject-matter of claim 3 can not be carried out (Rule 63 EPC).

Claim 4.

Claim 1 does not meet the requirements of Article 84 EPC as :

(i) The category (i.e. "product" or "method") of the claim is not clear (cf. EPO Guidelines F-IV, 4.1).

(ii) The claim does not contain clear technical features or method steps. For these reasons, a meaningful search of the whole claimed

**INCOMPLETE SEARCH
SHEET C**

Application Number

EP 12 42 5047

subject-matter of claim 4 can not be carried out (Rule 63 EPC).

Claim 5.

Claim 5 does not meet the requirements of Article 84 EPC as :

(i) The category (i.e. "product" or "method") of the claim is not clear (cf. EPO Guidelines F-IV, 4.1).

(ii) The claim does not contain clear technical features or method steps, but in fact appears to concern a "protocol".

For these reasons, a meaningful search of the whole claimed subject-matter of claim 5 can not be carried out (Rule 63 EPC).

Claim 6.

Claim 6 does not meet the requirements of Article 84 EPC as :

(i) The category (i.e. "product" or "method") of the claim is not clear (cf. EPO Guidelines F-IV, 4.1).

(ii) The claim does not contain clear technical features or method steps, but in fact appears to relate in some unclear way to a "regulation".

For these reasons, a meaningful search of the whole claimed subject-matter of claim 6 can not be carried out (Rule 63 EPC).

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 12 42 5047

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-10-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2008105913 A2	04-09-2008	AU 2007347697 A1	04-09-2008
		CA 2656081 A1	04-09-2008
		CN 101681951 A	24-03-2010
		CN 102723390 A	10-10-2012
		EP 2076719 A2	08-07-2009
		JP 2010506125 A	25-02-2010
		WO 2008105913 A2	04-09-2008

EPO FORM P0459

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