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(54) **MODULAR BUILDING CONSTRUCTION SYSTEM**

(57) A modular building construction system for fabricating a facility 102 comprising a plurality of primary function modules 104, each primary function module configured to house equipment for a primary function; at least one transition module 106 configured to cooperate with at least two of the plurality of primary function modules

102 in order to allow people to move from at least one of the primary function modules 104 to at least one other of the primary function modules 104 via the transition module 106, and a support module 108 configured to house equipment for supporting the primary function modules 104 and the at least one transition modules 106.

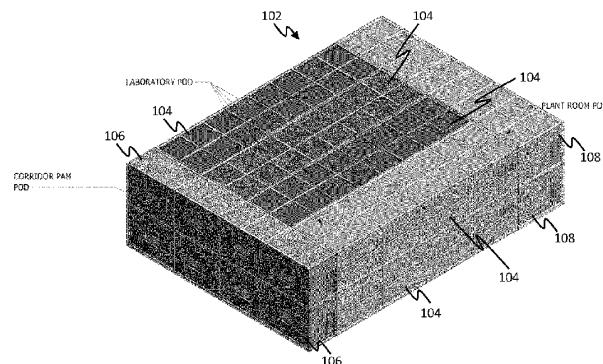


Fig 1



EUROPEAN SEARCH REPORT

Application Number

EP 21 21 6454

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EPO FORM 1503 03.82 (P04C01)

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	EP 3 480 380 A1 (HERRMAN) 8 May 2019 (2019-05-08) * paragraphs [0061], [0063], [0065], [0001]; figures 1,4, * -----	1-8,10, 11	INV. E04H1/00 E04B1/348
X	EP 3 456 903 A1 (GABADI S L [ES]) 20 March 2019 (2019-03-20) * paragraph [0033] - paragraph [0034]; figure 1e * * paragraph [0038] * -----	1-12	
X	US 2020/040594 A1 (HEDBERG MIKAEL [FI]) 6 February 2020 (2020-02-06) * paragraph [0113]; figure 2a * * paragraph [0115] - paragraph [0117] * -----	1-12	
X	KR 2006 0072762 A (POSCO [KR]; RES INST IND SCIENCE & TECH [KR]) 28 June 2006 (2006-06-28) * the whole document * -----	1-12	
			TECHNICAL FIELDS SEARCHED (IPC)
			E04H E04B
<p>The present search report has been drawn up for all claims</p>			
Place of search		Date of completion of the search	Examiner
The Hague		25 April 2022	Valenta, Ivar
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			



Application Number

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-12

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

EP 21 21 6454

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-12

directed to a modular building system

2. claim: 13

directed to a module

3. claims: 14, 15

directed to a method for constructing facility

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

EP 21 21 6454

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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
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