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(72) Inventor; and

(71) Applicant: **DYRSET, Gisle** [NO/NO]; Kvenildveien 25,
7072 Heimdal (NO).

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(54) Title: CONNECTOR, METHOD AND SYSTEM FOR CONSTRUCTING BUILDINGS

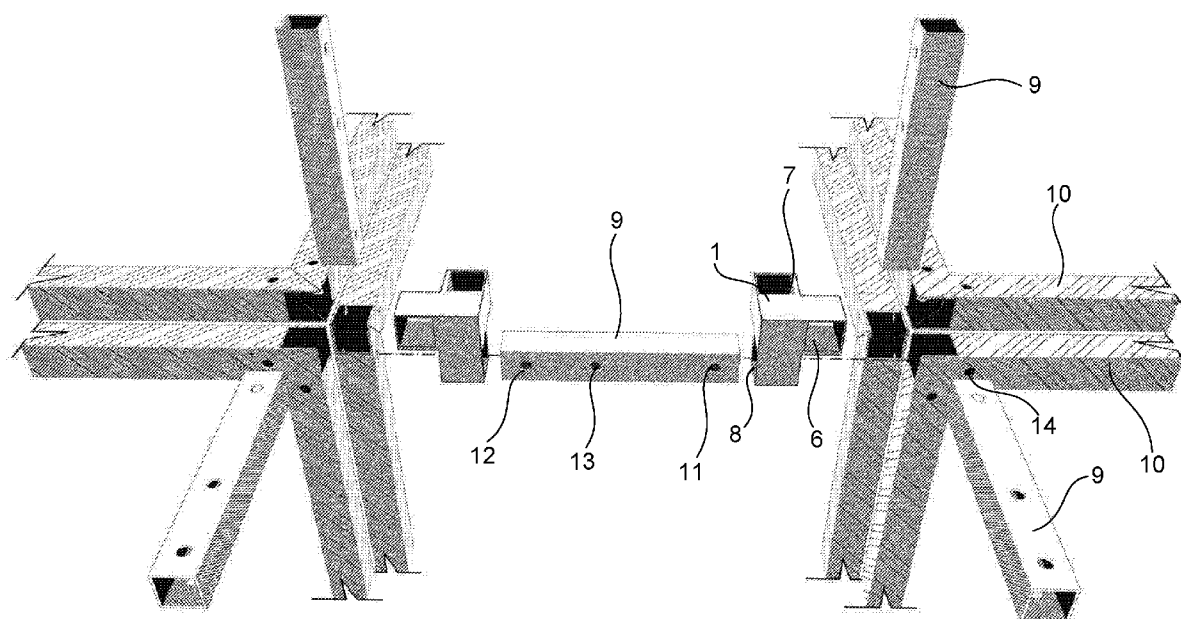


Fig. 6

(57) Abstract: The invention relates to connecting square frames (10) made of tubes with a connector (1) having three perpendicular members (2,3,4) that accommodate a locking element (9) which runs through a connector passage (6,7,8) into a hollow tube of the frame (10). The invention further relates to a method for connecting such frames (10) as follows: - arranging three frames (10) perpendicular to each other and arranging the connector (1) at the intersecting corners of the frames (10), - inserting the locking elements (9) through connector passages (6,7,8) and into tubes in the frames (10). The invention also relates to a system for constructing buildings, wherein six such frames (10) are connected to form a box by the method of the invention, and further arranging, connecting and locking a desired number and configuration of boxes, to each other, by such locking element (9) joint in each adjacent corner.



MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

IPC: E04B, E04C, F16B

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

SE, DK, FI, NO classes as above

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

EPO-Internal, PAJ, WPI data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4449842 A1 (REICHMAN JR WILLIAM), 22 May 1984 (1984-05-22); abstract; column 2, line 60 - column 4, line 34; figures 1-6 --	1-11
A	US 4910932 A1 (HONIGMAN MICHAEL L), 27 March 1990 (1990-03-27); abstract; column 7, line 7 - column 8, line 48; figures 16A, 16B, 17A, 17B, 18 --	1-11
A	US 4361369 A1 (ZWILLICH ALEXANDER), 30 November 1982 (1982-11-30); abstract; column 7, line 20 - column 11, line 53; figures 14-20 --	1-11



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
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Name and mailing address of the ISA/SE
Patent- och registreringsverket
Box 5055
S-102 42 STOCKHOLM
Facsimile No. + 46 8 666 02 86

Authorized officer

Sara Fhølenhag

Telephone No. + 46 8 782 28 00

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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 3832811 A1 (BRIEL E), 3 September 1974 (1974-09-03); column 6, line 42 - column 8, line 27; figures 4-6 --	1-11
A	EP 0228241 A2 (CAVANAGH SEAN), 8 July 1987 (1987-07-08); abstract; column 4, line 32 - column 5, line 15; column 7, line 12 - line 55; figures 1,3,5,6,6a,7 --	1-11
A	JP 2009209551 A (MISAWA HOMES CO), 17 September 2009 (2009-09-17); abstract; paragraphs [0006], [0014]-[0030]; figures 3-7 --	1-11
A	KR 101233559 B1 (HYUNDAI AMCO CO LTD), 14 February 2013 (2013-02-14); paragraphs [0001], [0028]-[0064]; figures 1-8 -- -----	1-11

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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