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 HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

Published:

- with international search report (Art. 21(3))
- 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))

[Continued on next page]

(54) Title: A MOULD FOR A BUILDING MODULE AND METHOD OF USING SAID MOULD

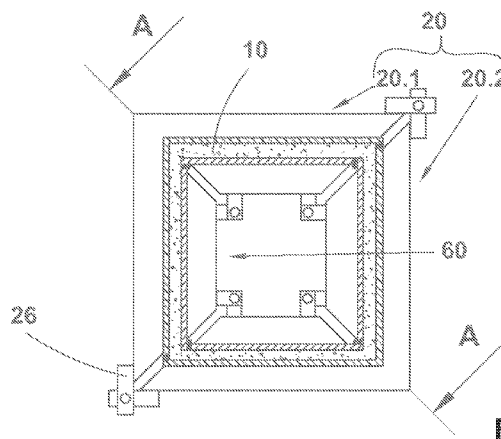


Fig. 1

(57) Abstract: The present invention relates to a mould and a method for using the mould for a building module. Especially preferably the mould (20, 60) according to the invention and the method are applicable for production of casting building modules used in the construction industry from concrete. In this context a building module means a construction element (10) having at least two corners. Production of elevator shaft units or corresponding room units having a square or rectangular cross section may be mentioned as an advantageous embodiment of the invention.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/FI2012/050603

A. CLASSIFICATION OF SUBJECT MATTER

INV. B28B7/00 B28B7/22 E04G13/02 E04G17/00 B28B7/30
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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)

B28B B29C E04G

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)

EP0-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	FR 1 471 263 A (M. PAUL, FLORIN, JOSEPH MARGERIT) 3 March 1967 (1967-03-03) figures 1-3 column 1, line 40 - column 2, line 14 column 2, lines 27-38 -----	1,18-23
X	JP 59 079310 U (UNKNOWN) 29 May 1984 (1984-05-29) figures 2-7 -----	1-4, 18-23
X	JP H05 95706 U (UNKNOWN) 27 December 1993 (1993-12-27) figures 1-5 -----	1-5, 18-23
X	JP 58 062610 U (UNKNOWN) 27 April 1983 (1983-04-27) figures 1-5 ----- -/--	1-4, 18-23



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

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"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

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Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI2012/050603

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.:
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:
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.:

1-32
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.:

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.

INTERNATIONAL SEARCH REPORT

International application No

PCT/FI2012/050603

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 1 374 223 A (M. ELEUTERIO MARCO BARCELO) 2 October 1964 (1964-10-02) figures 1-5 column 3, lines 13-20 -----	1-4, 18-23
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X	EP 0 152 040 A2 (STRICKLAND SYSTEMS [US]) 21 August 1985 (1985-08-21) figures 1-5 page 4, line 28 - page 5, line 7 page 6, line 19 - page 7, line 5 page 8, lines 8-20 page 9, lines 12-18 -----	24,25, 31,32
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A	GB 1 286 371 A (SHELLEY SHELLEY WILENSKY [US]) 23 August 1972 (1972-08-23) figures 7,8 page 7, lines 76-97 page 8, lines 63-77 page 8, lines 107-116 -----	24,31

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. claims: 1-23

A mould and a method of using a mould for a building module wherein the mould blocks constituting the mould portions may be easily connected.

2. claims: 24-32

A mould and method for using a mould for a building module allowing forming the needed movement clearance between internal mould blocks and the casting.

3. claims: 33-41

A mould and a method of lifting the internal mould portion of the mould for a building module.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/FI2012/050603

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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