



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**16.01.2013 Bulletin 2013/03**

(51) Int Cl.:  
**E04C 2/04** (2006.01) **E04C 2/38** (2006.01)  
**E04C 2/288** (2006.01)

(43) Date of publication A2:  
**27.04.2011 Bulletin 2011/17**

(21) Application number: **10187991.4**

(22) Date of filing: **19.10.2010**

(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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(30) Priority: **20.10.2009 ES 200930877**

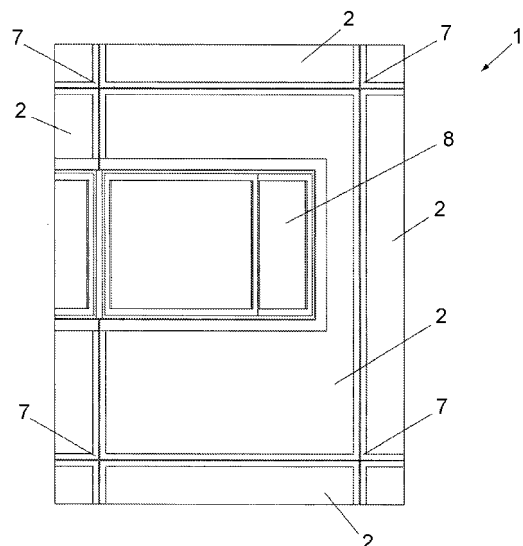
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(54) **Prefabricated façade and manufacturing methods thereof**

(57) It comprises perimeter metal profiles (7) cut to measure in factory in accordance with the dimensions and configuration of each module (2), said profiles (7) forming the outer perimeter of the façade module (2) and the inner perimeter corresponding to the openings for windows (8) or doors, said profiles (7) being susceptible of acting as moulds during the production of the outer layer (3) and assembly of the rest of the layers (4,5,6,10,11) and inner connections, susceptible of acting as joining means (7) for assembly with the adjacent modules (2) and as a structural pre-frame (9) for installing the windows (8) or doors at the work site, and susceptible of acting as means for sealing the façade from the exterior, thereby obtaining a complete and lightweight façade totally prefabricated in factory. It is the result of building industrialisation.



**FIG. 1**



## EUROPEAN SEARCH REPORT

Application Number  
EP 10 18 7991

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 381 000 A1 (ZAMBELLI SERGIO [IT]; ZAMBELLI BENITO [IT]) 8 August 1990 (1990-08-08) * column 2, line 34 - column 4, line 5; claims 1, 5, 6; figure 4 * -----	1,12	INV. E04C2/04 E04C2/38 E04C2/288
			TECHNICAL FIELDS SEARCHED (IPC)
			E04C E04B
The present search report has been drawn up for all claims			
Place of search <b>The Hague</b>		Date of completion of the search <b>10 December 2012</b>	Examiner <b>Mysliwetz, Wolfgang</b>
<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 ..... &amp; : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04C01)

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

EP 10 18 7991

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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10-12-2012

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
EP 0381000	A1	08-08-1990	DE 69001360 D1	27-05-1993
			DE 69001360 T2	29-07-1993
			EP 0381000 A1	08-08-1990
			ES 2040511 T3	16-10-1993
			IT 1228022 B	27-05-1991
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