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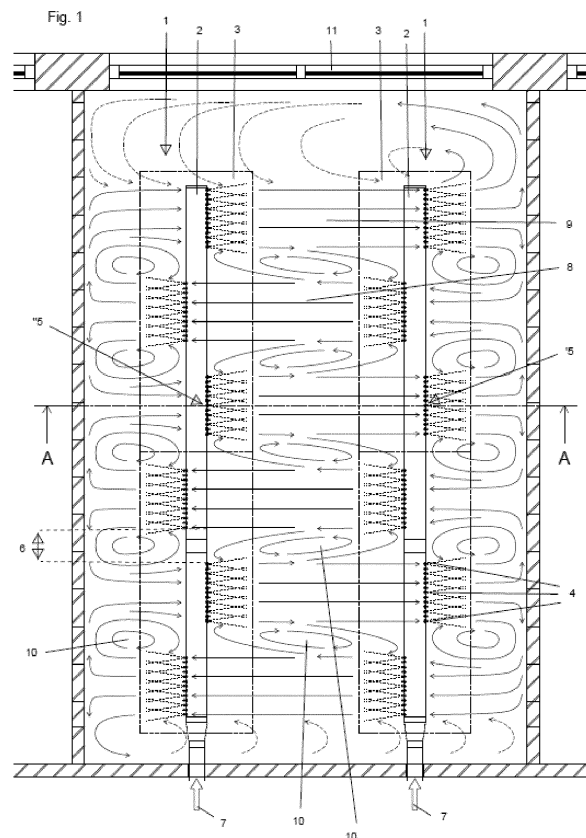
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(54) **CEILING ISLAND WITH AIR CHANNEL**

(57) In a first aspect, the invention relates to a ceiling element for controlling the temperature in an internal space with ceiling, the ceiling element comprising an air channel that is provided at the lower side with an air guide plate, in which that air channel is moreover provided with a plurality of blow openings that are grouped along the length and at both sides of the air channel into successive clusters, in which the clusters of blow openings are arranged alternatively crosswise along both sides of the air channel. In a second aspect, the invention relates to a system comprising one or more of such ceiling elements. In a third aspect, the invention relates to a kit for providing a ceiling element at an internal space with ceiling.





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 18 17 1275

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 0 834 705 A1 (LUCHTECHNISCH ADVIESBUREAU EV [NL]) 8 April 1998 (1998-04-08)	1-3,7,15	INV. F24F13/06
Y	* column 10, line 2 - column 10, line 40;	5,6	ADD. F24F5/00
A	figures 6-7 *	4	
X	GB 2 404 436 A (GILBERTS [GB]) 2 February 2005 (2005-02-02)	1-3,7	
Y	* page 12, line 15 - page 12, line 20;	5,6	
A	figure 11 *	4	
X	WO 2014/115024 A1 (THERMO KING CORP [US]) 31 July 2014 (2014-07-31)	1-3,7,15	
Y	* page 7, line 11 - page 9, line 20;	5,6	
A	figure 2 *	4	
X	EP 0 175 892 A1 (AMELIORAIR SA [FR]) 2 April 1986 (1986-04-02)	1	
A	* page 3, line 15 - page 3, line 34; figure 1 *	2-7	
Y	EP 2 557 368 A1 (ZAMBOLIN MARCO [IT]) 13 February 2013 (2013-02-13)	5,6	TECHNICAL FIELDS SEARCHED (IPC) F24F
	* figures 1-3 *		

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

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EPO FORM 1503 03.82 (P04E07)

Place of search	Date of completion of the search	Examiner
Munich	24 January 2019	Anconetani, Mirco
CATEGORY OF CITED DOCUMENTS 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 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		

**INCOMPLETE SEARCH
SHEET C**Application Number
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Claim(s) completely searchable:
1-7, 15

Claim(s) not searched:
8-14

Reason for the limitation of the search:

In reply to the invitation to indicate the claims on which the search is to be based, the applicant failed to supply the requested indication in due time.

Thus, the search report has been drawn up on the basis of the first independent claim of each category (Rule 62a(1) EPC):
1-7, 15

The applicant's attention is drawn to the fact that the application will be further prosecuted on the basis of subject-matter for which a search has been carried out and that the claims should be limited to that subject-matter at a later stage of the proceedings (Rule 62a(2) EPC).

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

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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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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0834705 A1	08-04-1998	EP 0834705 A1	08-04-1998
		NL 1004187 C2	06-04-1998

GB 2404436 A	02-02-2005	NONE	

WO 2014115024 A1	31-07-2014	CA 2899286 A1	31-07-2014
		CN 105051471 A	11-11-2015
		EP 2948720 A1	02-12-2015
		US 2015360542 A1	17-12-2015
		WO 2014115024 A1	31-07-2014

EP 0175892 A1	02-04-1986	DE 3562823 D1	23-06-1988
		EP 0175892 A1	02-04-1986
		FR 2570168 A1	14-03-1986

EP 2557368 A1	13-02-2013	EP 2557368 A1	13-02-2013
		EP 3293462 A1	14-03-2018
		HR P20171943 T1	23-02-2018
		SI 2557368 T1	30-04-2018
