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(54) **Stove comprising a firebox**

(57) A fire construction (1) in the form of a stove comprises a firebox (2) having a front panel (40) to one side and a rear panel (5) to the other side. A baffle plate (3) extends over the firebox (2) towards the front panel (5) to in part define a gap between the baffle plate (3) and the front panel (5). An air panel (13) extends partially across the gap to define a chamber (4) and further defines an air outlet (12) generally adjacent the front panel (5). The air panel (13) also defines a plurality of openings (16) displaced from the outlet (12) and distributed to provide additional air flows from the chamber (14) to the firebox (2).

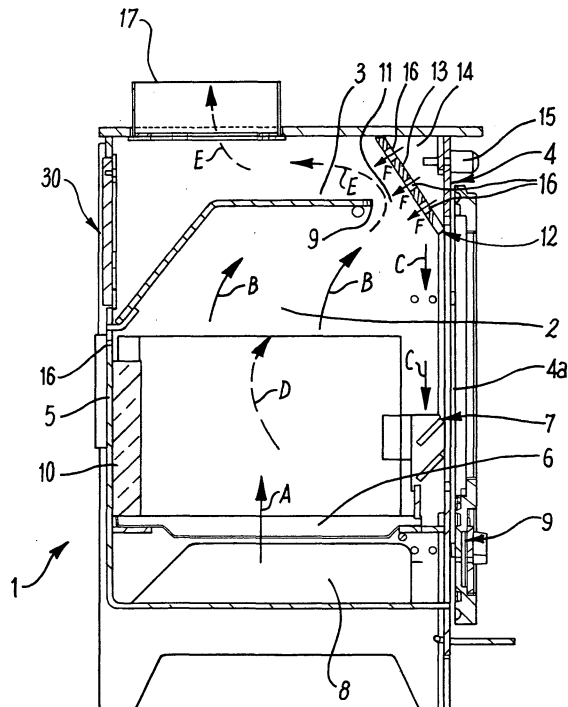


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 10 25 0214

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	US 5 341 794 A (HENRY DANIEL S [US] ET AL) 30 August 1994 (1994-08-30) * column 3, line 11 - line 16; figures 3,4,8,13 *	1-3,5-8, 10	INV. F24B5/02 F23L9/04 F23B80/04
Y	* column 3, line 32 - line 45 * * column 6, line 3 - line 49 *	9,11	
X	DE 88 03 468 U1 (WODTKE, I [DE]) 11 May 1988 (1988-05-11) * figures *	1,2,4,5	
X	DE 39 02 091 A1 (HAAS & SOHN SINN HAUS UND KOCH [DE]) 3 August 1989 (1989-08-03) * abstract; figures *	1	
Y	GB 818 242 A (ALEXANDER ATKINSON DUNN) 12 August 1959 (1959-08-12) * page 1, line 22 - line 41; figures *	9	
Y	DE 44 03 616 A1 (RIENER KARL STEFAN [AT]) 18 August 1994 (1994-08-18) * claim 11 *	11	
A	GB 742 353 A (RICHARD WILLIAM GAUSSEN LOVE) 21 December 1955 (1955-12-21) * page 1, line 68 - line 72; figures *	8	TECHNICAL FIELDS SEARCHED (IPC) F24B F23L F23B
2 The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 22 June 2010	Examiner Verdoodt, Luk
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			

EPO FORM 1503 03.82 (P04C01)



Application Number

EP 10 25 0214

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:

1-11

☐ 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 10 25 0214

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: 1-11

directed to a fire construction

2. claims: 12-16

directed to an air panel

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

EP 10 25 0214

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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22-06-2010

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5341794	A	30-08-1994	NONE	
DE 8803468	U1	11-05-1988	NONE	
DE 3902091	A1	03-08-1989	NONE	
GB 818242	A	12-08-1959	NONE	
DE 4403616	A1	18-08-1994	NONE	
GB 742353	A	21-12-1955	NONE	