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(54) **Safe support assembly for the electric component parts of a burner**

(57) A safe support assembly for the electric component parts of a burner has a supporting panel made of polymer material and to which the electric component parts are fixed, and a metal plate fixed to the supporting panel on the boiler side; in the supporting panel and the metal plate, are formed a first opening facing an inlet of an air intake conduit, and a second opening facing an air/fuel mixture outlet of a duct connected to the intake conduit. The support assembly also has spacer means interposed between the supporting panel and the metal plate, and defining a gap with the supporting panel and the metal plate. And a number of openings are formed in the spacer means to connect the intake conduit to the gap.

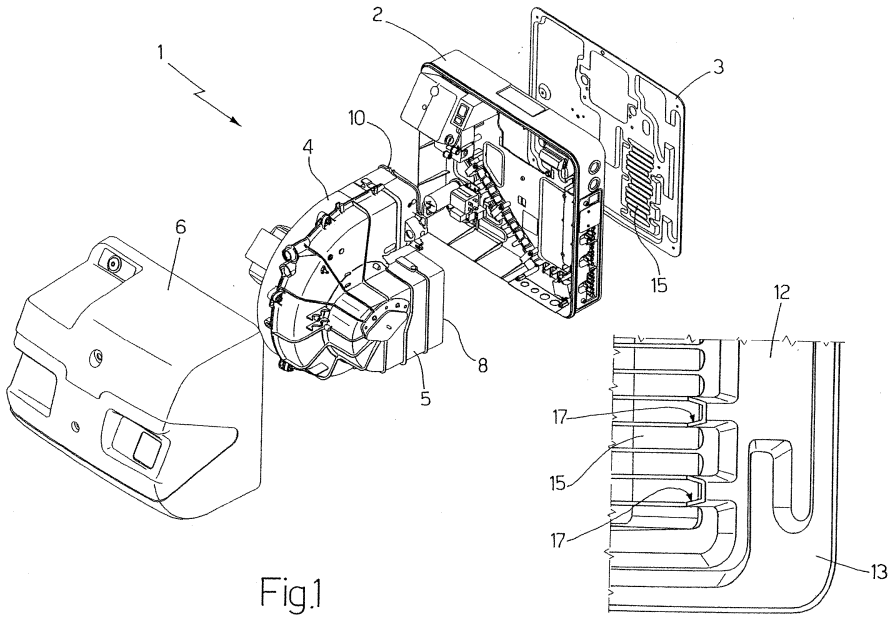


Fig.1

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EUROPEAN SEARCH REPORT

Application Number
EP 07 11 2781

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	DE 85 18 987 U1 (DIETZ, WALTER, DIPL.-ING., 6336 SOLMS, DE) 14 August 1985 (1985-08-14) * the whole document *	1-6	INV. F23D14/46 F23D14/76 F23D14/78
A	US 3 606 608 A (MILLER LORIN G ET AL) 20 September 1971 (1971-09-20) * the whole document *	1-6	

TECHNICAL FIELDS SEARCHED (IPC)

F23D
F23L

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Berlin	7 January 2015	Busuiocescu, Bogdan

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 3606608 A	20-09-1971	NONE	

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