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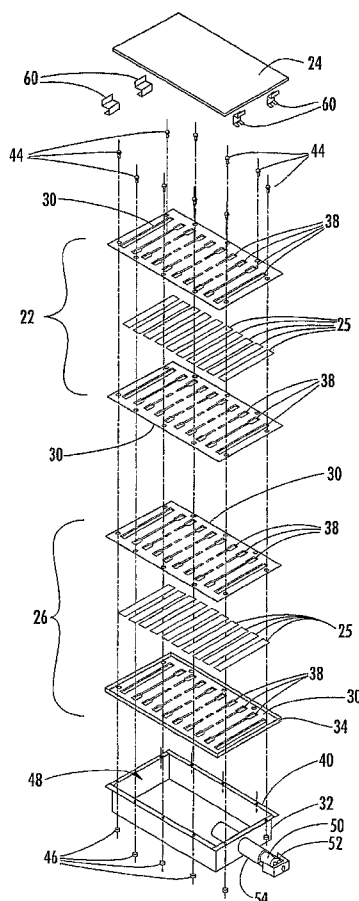
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(54) Title: RADIANT BURNER



(57) Abstract: A gas-fired burner unit (20) for providing combustion and infrared radiation includes at least one plenum (32) for receiving at least the gas, and at least one perforated metal plate (22, 26) mounted for receiving at least the gas from the plenum and supplying at least the gas to the combustion so that the combustion is proximate the perforated metal plate.

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Previous Correction:

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INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F23D

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	column 3, line 52 - column 5, line 47; figures 1-3	28-34
X	FR 1 387 132 A (HUPP CORP) 29 January 1965 (1965-01-29)	1-9, 12-14
A	page 6, right-hand column, last paragraph - page 7, right-hand column, paragraph 4 and table 1 on page 14 figures 1-3	28-34
X	FR 1 129 123 A (LIOTARD METALLURG) 16 January 1957 (1957-01-16) page 1, right-hand column, line 34 - page 2, left-hand column, line 33; figures 1-4	1,8,49, 51
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	the whole document -----	62
X	US 2001/036610 A1 (WOOD GRAHAM [GB]) 1 November 2001 (2001-11-01) paragraphs [0030] - [0032], [0035]; claims 1,2,11; figure 2 -----	1,8
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