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(54) Title: HEAT SUPER EXPLOITATION CAGE



(57) Abstract: The Heat Super Exploitation Cage consists of the first internal mantel (3), of pipes (6) that pass across it, the second mantel (7) that covers the first (3), the insulation (12), the third external mantel (11), the damper (20), the ventilator (22), and the door with the ceramic glass (1, 2). The advantage of this invention is that the cage that is placed above each fireplace, due to caging of the burning and the large heating

surface, exploits the heat, in a very great extent, and distributes it in high temperatures in the room. Besides, due to the high temperatures developed in the Cage, the Heat Super Exploitation Cage is self-cleaned, since it does not permit the smoke to deposit on its walls and pipes (6). The great amount of air inlet, supported by the ventilator creates an induced draught of the fireplace, not permitting its smoking. The whole procedure of the Cage's operation is performed with the minimum consumption of wood.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. F24B1/188

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F24B

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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 129 114 A (HISER WILLIAM H) 12 December 1978 (1978-12-12) the whole document	1, 2
Y	US 5 046 481 A (WARWICK DEAN M [GB]) 10 September 1991 (1991-09-10) column 5, line 32 - line 37	1, 2
A	FR 2 622 680 A (JPM CHEMINEES STE NLE [FR]) 5 May 1989 (1989-05-05)	1
A	US 2 789 554 A (DUPLER RAYMOND R) 23 April 1957 (1957-04-23) the whole document	1
A	EP 0 295 756 A (LIETS BV [NL]) 21 December 1988 (1988-12-21) figure 1	1
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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