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**56429 Evosmos Thessalonikis (GR)**

(30) Priority: **06.06.2011 GR 20110100335**

(54) **Adjustable flue damper**

(57) This invention is an adjustable fume damper.  
The mechanism of this invention is divided in two functions. The first one is the automatic opening and closing of the damper, which is adjusted to the opening and the closing of the fireplace door. The second one is the adjustment of the damper tendency during the burning if the fuel with the fireplace door closed.

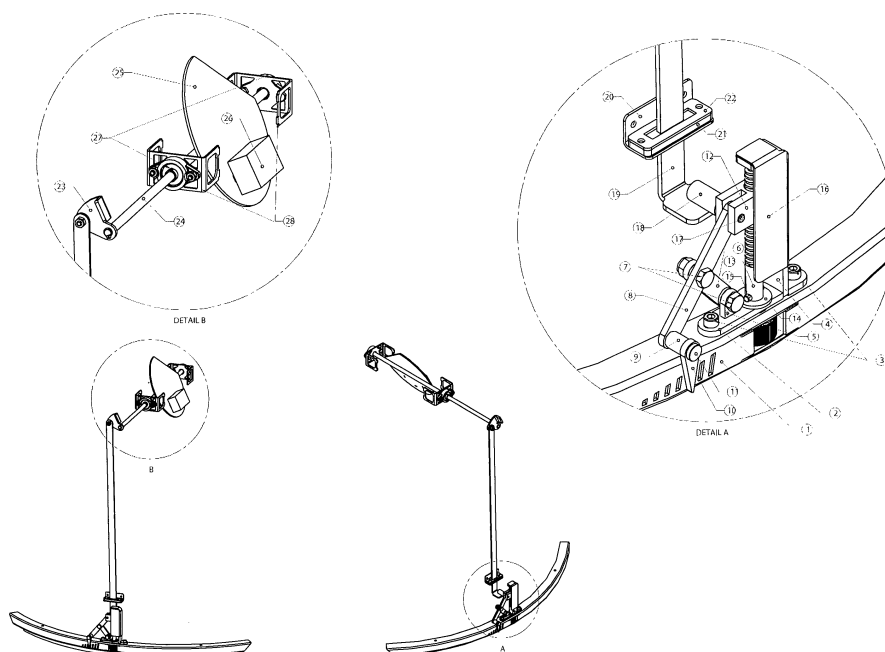
The damper tendency of this invention ranges in an operating range of 90 degrees and its positions are the open position, the closed position and the intermediate

ones.

The place of the damper of this invention can be seen from the indication on the upper part of the door canvas.

The rotation of the screw of this invention leads to the linear vertical movement of the nut. As a result, the quadrature axis transmits motion through the cross-traffic link to the stopper link and thus through the rotating shaft to the damper.

This invention can be used to any kind of fireplaces.



**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 12 38 6016

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 2 227 689 A (AGRICOLA, FREDERICK T) 7 January 1941 (1941-01-07) * figures 1-3 * * page 2, left-hand column, line 15 - page 3, right-hand column, line 73 * -----	1-3	INV. F23L11/00 F23M11/02 F24B1/189
X	US 713 066 A (COOPER FREDERICK G [US]) 11 November 1902 (1902-11-11) * figures 1-2 * * page 1, line 37 - page 2, line 20 * -----	1-3	
X	US 4 280 476 A (WEBB JAMES E) 28 July 1981 (1981-07-28) * the whole document * -----	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			F24B F23M
<b>INCOMPLETE SEARCH</b>			
<p>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.</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search: see sheet C</p>			
Place of search		Date of completion of the search	Examiner
The Hague		27 February 2015	De Meester, Reni
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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 ..... &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03/82 (P04E07)



# INCOMPLETE SEARCH SHEET C

Application Number

EP 12 38 6016

Claim(s) completely searchable:

1-3

Claim(s) not searched:

4-6

Reason for the limitation of the search:

The present application contains six claims, of which six are independent. There is no clear distinction between the independent claims because of overlapping scope. There are so many claims and they are drafted in such a way that the claims as a whole do not comply with the provisions of clarity and conciseness in Article 84 EPC, as it is particularly burdensome for a skilled person to establish the subject-matter for which protection is sought. Non-compliance with the substantive provisions is such that a meaningful search of the whole claimed subject-matter can not be carried out (Rule 63 EPC and Guidelines B-VIII, 3).

Non-compliance with the substantive provisions is such that a meaningful search of the whole claimed subject-matter can not be carried out (Rule 63 EPC and Guidelines B-VIII, 3).

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): Claims 1-3

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.**

EP 12 38 6016

5

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  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-02-2015

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2227689 A	07-01-1941	NONE	
US 713066 A	11-11-1902	NONE	
US 4280476 A	28-07-1981	NONE	

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EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82