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(71) Applicant: **Indesit Company S.p.A.**
60044 Fabriano (AN) (IT)

(72) Inventors:
• **BIANCOSPINO, Mario**
60044 Fabriano (AN) (IT)
• **CACIOPPO, Pier Sandro**
10040 Rivalta di Torino (TO) (IT)

(74) Representative: **Guerci, Alessandro et al**
Whirlpool Europe S.r.l.
Patent Department
Viale G. Borghi 27
21025 Comerio (VA) (IT)

(54) **FUME EXTRACTION AND/OR FILTRATION HOOD OF IMPROVED TYPE, PARTICULARLY FOR A HOUSEHOLD KITCHEN**

(57) The present invention relates to a fume extraction and/or filtration hood (1), in particular for a household kitchen, comprising:

- a chimney (10) having a hollow interior and comprising lateral walls (11), a back wall (12) and a front wall;
- an inlet section (20) through which fumes flow into the chimney (10);
- a motor fan (30) accommodated in the chimney (10) opposite to the inlet section (20);
- an extraction volume (40) placed between the lateral walls (11) and the motor fan (30);
- a partition element (60) placed between the motor fan (30) and the inlet section (20), the partition element (60) comprising a base (61) facing toward the motor fan (30) and an apex (62) oriented toward the inlet section (20).

According to the invention, the apex (62) has an angle of less than 40°.

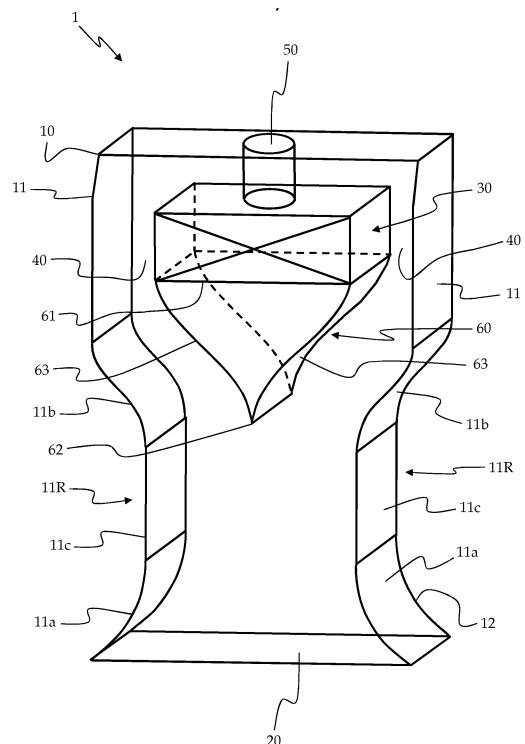


Fig. 1



EUROPEAN SEARCH REPORT

Application Number
EP 16 16 9105

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
E	EP 2 594 853 A1 (ASK IND SOCIETA PER AZIONI [IT]) 22 May 2013 (2013-05-22) * figure 3 * * paragraphs [0013], [0028], [0033] *	1-5,8	INV. F24C15/20
A	WO 90/11844 A1 (HEDESUNDA PLAST & METALL [SE]) 18 October 1990 (1990-10-18) * figure 1 *	1-10	
A	WO 2008/090080 A1 (ROBLIN SAS [FR]; LETELLIER BRUNO [FR]) 31 July 2008 (2008-07-31) * pages 9-10; figure 3 *	1-10	
A	US 2004/194776 A1 (AMIR NEHEMIA [IL]) 7 October 2004 (2004-10-07) * abstract; figure 1 *	1-10	
A	EP 2 267 373 A1 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 29 December 2010 (2010-12-29) * abstract; figures 1-11 *	1-10	TECHNICAL FIELDS SEARCHED (IPC) F24C
~~The present search report has been drawn up for all claims~~			
Place of search The Hague		Date of completion of the search 5 August 2016	Examiner Moreno Rey, Marcos
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 03.02 (P04C01)



Application Number

EP 16 16 9105

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:

1-10

☐ 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 16 16 9105

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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: 1-10

Fume extractor with a partition element placed between the motor fan and the inlet of the chimney

2. claim: 11

Fume extractor whereby the chimney is formed by radiused surfaces

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

EP 16 16 9105

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
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