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(54) Title: HANDHELD AEROSOL-GENERATING DEVICE AND CARTRIDGE FOR USE WITH SUCH A DEVICE

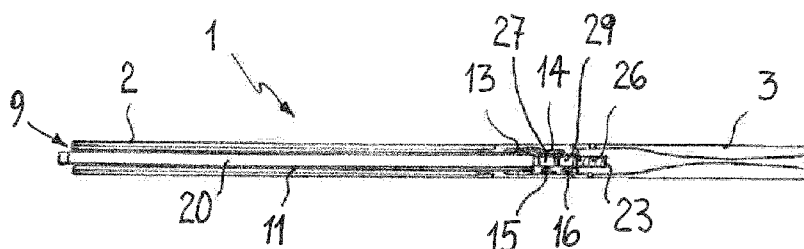


Fig. 9

(57) Abstract: There is described a handheld aerosol-generating device (1) which comprises an elongate tubular component (2) having an axial length and which accommodates an electric power source (10). A mouthpiece portion (3) having at least one air inlet and an outlet communicating with one another is detachably connected with the elongate tubular component. The electric power source is of an annular configuration extending at least about a major part of the axial length of the tubular component, and encloses an elongate receptacle which is open towards the mouthpiece portion, for accommodation of a cartridge (20) comprising a supply of aerosol-forming substrate and an electrically operated vaporizer.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2015/079804

A. CLASSIFICATION OF SUBJECT MATTER INV. A24F47/00 ADD.		
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) A24F		
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 practicable, 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.
A	US 2014/182609 A1 (LIU QIUMING [CN]) 3 July 2014 (2014-07-03) paragraphs [0019] - [0022], [0027], [0028]; figures -----	1-6
A	US 2014/182611 A1 (LIU QIUMING [CN]) 3 July 2014 (2014-07-03) abstract; figures -----	1-6
A	CN 102 760 921 A (SHENZHEN CT POWER TECH CO LTD) 31 October 2012 (2012-10-31) the whole document -----	1
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents :		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the international search report	
9 March 2016	20/06/2016	
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Kock, Søren	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2015/079804

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-6

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6

Aerosol-generating device comprising an elongate tubular element accommodating the electric power source and comprising a mouthpiece portion. The electric power source is of annular configuration and open towards the mouthpiece portion for receiving a cartridge/vaporizer therein.

2. claims: 7-19

Aerosol-generating device comprising an elongate tubular element accommodating an electric power source and comprising a mouthpiece portion and a tubular coupling member for connecting the elongate tubular member and the mouthpiece. The tubular coupling member secures therein a cartridge/vaporizer for an aerosol-forming substrate and establishes a mechanical and electrical connection to the cartridge/vaporizer.

3. claims: 20-31

Cartridge for an electrically operated aerosol-generating device. The cartridge comprises a container comprising an elongate wick having a first section extending axially into the container and a second section extending axially beyond the opening of the container. The section extending beyond the opening of the container is associated with a component of an electrically operated vaporizer located at the section of the wick extending beyond the opening of the container.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2015/079804

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2014182609 A1	03-07-2014	CN 203152480 U US 2014182609 A1	28-08-2013 03-07-2014
US 2014182611 A1	03-07-2014	US 2014182611 A1 WO 2014101123 A1	03-07-2014 03-07-2014
CN 102760921 A	31-10-2012	NONE	