

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2020/088397

A. CLASSIFICATION OF SUBJECT MATTER

A24F 47/00(2020.01)i

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)

A24F47/-

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)

CNPAT, CNKI, CNTXT, WPI, EPODOC: 彭晓峰, 彭绮文, 电子烟 OR 电子香烟, 雾化, 孔, 洞, 导油孔, 孔径 OR 直径, 孔距 OR 间距 OR 间隔, 陶瓷, 致密, 膜; atomiz+ OR vaporiz+, hole, porous, ceramic

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 109414078 A (SHENZHEN MICROVAPOR TECHNOLOGY CO., LTD.) 01 March 2019 (2019-03-01) description, paragraphs [0042]-[0092], and figures 3-6	1-10
Y	CN 108887753 A (SUZHOU JINGPIN ADVANCED MATERIALS CO., LTD.) 27 November 2018 (2018-11-27) description paragraphs [0026], [0040]-[0050], figures 1-9	1-10
A	CN 108158040 A (CHINA TOBACCO YUNNAN INDUSTRIAL LLC) 15 June 2018 (2018-06-15) entire document	1-10
A	CN 109770439 A (CHINA TOBACCO YUNNAN INDUSTRIAL LLC) 21 May 2019 (2019-05-21) entire document	1-10
A	US 2015359262 A1 (SHENZHEN SMOORE TECHNOLOGY LIMITED et al.) 17 December 2015 (2015-12-17) entire document	1-10

☒ Further documents are listed in the continuation of Box C.☒ 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

02 July 2020

Date of mailing of the international search report

28 July 2020

Name and mailing address of the ISA/CN

China National Intellectual Property Administration (ISA/CN)
No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088
China

Facsimile No. (86-10)62019451

Authorized officer

Telephone No.

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2018360112 A1 (JOYETECH EUROPE HOLDING G.M.B.H.) 20 December 2018 (2018-12-20) entire document	1-10

INTERNATIONAL SEARCH REPORT
Information on patent family members

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PCT/CN2020/088397

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
CN	109414078	A	01 March 2019	WO	2020051749	A1	19 March 2020
CN	108887753	A	27 November 2018	WO	2020056826	A1	26 March 2020
				CN	209498565	U	18 October 2019
CN	108158040	A	15 June 2018	CN	207692970	U	07 August 2018
CN	109770439	A	21 May 2019	CN	209769007	U	13 December 2019
US	2015359262	A1	17 December 2015	WO	2015192300	A1	23 December 2015
				US	9861129	B2	09 January 2018
				EP	3162778	B1	07 August 2019
				EP	3162778	A1	03 May 2017
US	2018360112	A1	20 December 2018	US	10306930	B2	04 June 2019