

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2019/007706

A. CLASSIFICATION OF SUBJECT MATTER

A61N 1/04(2006.01)i, A61N 1/32(2006.01)i, A61N 1/08(2006.01)i, A45D 44/00(2006.01)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)

A61N 1/04; A45D 44/22; A61H 1/00; A61H 23/04; A61H 9/00; A61N 1/30; A63B 69/00; G06Q 50/00; A61N 1/32; A61N 1/08; A45D 44/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models: IPC as above
Japanese utility models and applications for utility models: IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS (KIPO internal) & Keywords: face, massage, airbag, pneumatic and mask

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-2012-0122125 A (IONE ENTERPRISE) 07 November 2012 See paragraphs [0035], [0038], [0043], [0047]-[0048] and figures 1b-3.	1
Y		2-5
Y	KR 10-0855681 B1 (SON, Gi Jun) 03 September 2008 See paragraphs [0038]-[0041] and figures 1, 5.	2-5
Y	KR 10-2009-0047642 A (KIM, Nam Hee) 13 May 2009 See paragraphs [0049], [0052].	4,5
Y	JP 2009-125365 A (PANASONIC ELECTRIC WORKS CO., LTD.) 11 June 2009 See paragraph [0023].	5
A	US 2006-0287615 A1 (YU, Tsung-i) 21 December 2006 See abstract and figures 1-4.	1-5



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

24 SEPTEMBER 2019 (24.09.2019)

Date of mailing of the international search report

24 SEPTEMBER 2019 (24.09.2019)

Name and mailing address of the ISA/KR


 Korean Intellectual Property Office
 Government Complex Daejeon Building 4, 189, Cheongsa-ro, Seo-gu,
 Daejeon, 35208, Republic of Korea
 Facsimile No. +82-42-481-8578

Authorized officer

Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2019/007706

Patent document cited in search report	Publication date	Patent family member	Publication date
KR 10-2012-0122125 A	07/11/2012	None	
KR 10-0855681 B1	03/09/2008	CN 101548929 A FR 2929507 A1 JP 2009-247906 A RU 2009111363 A RU 2410073 C2 US 2009-0254014 A1	07/10/2009 09/10/2009 29/10/2009 20/10/2010 27/01/2011 08/10/2009
KR 10-2009-0047642 A	13/05/2009	None	
JP 2009-125365 A	11/06/2009	JP 5144232 B2	13/02/2013
US 2006-0287615 A1	21/12/2006	None	