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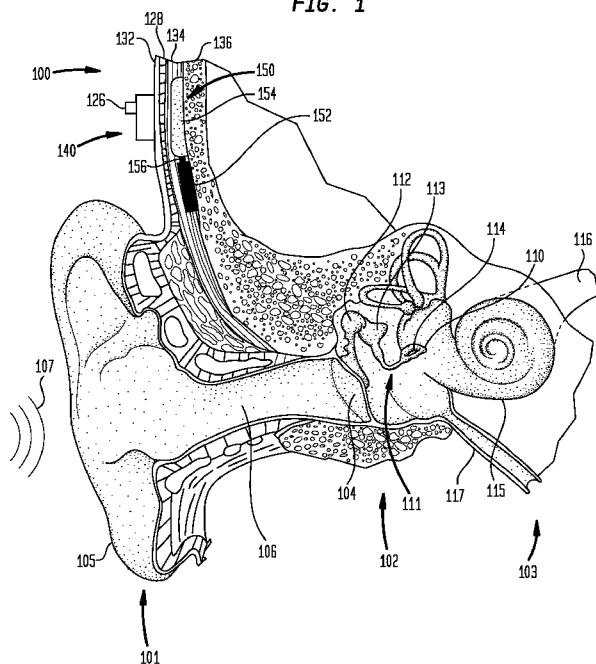
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(54) Title: HEARING PROSTHESIS WITH A PIEZOELECTRIC ACTUATOR

FIG. 1



(57) Abstract: A hearing prosthesis including an actuator. The actuator includes a material that deforms in response to an electrical signal and that is adapted to, upon implantation in a recipient, transmit vibrations representative of a sound signal to an organ of the recipient, wherein the material is at least partially exposed to at least one of body tissue and fluid of the recipient.



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A. CLASSIFICATION OF SUBJECT MATTER***H04R 25/00(2006.01)i, A61F 2/18(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)

H04R 25/00; A61F; H01L 41/053

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

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: hearing, prosthesis, piezoelectric, transducer, microphone

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006-0087203 A1 (Kyungpook National University Industry-Academic Cooperation Foundation) 27 April 2006	1-16, 19-24, 26-40
A	See abstract, claims 1, 9, 18-19, and figures 2A, 2B	17, 18, 25
X	WO 2004-043290 A2 (ADVANCED BIONICS CORPORATION et al.) 27 May 2004	1-16, 19-24, 26-40
A	See abstract, paragraphs 1-17, claim 1, 20, and figures 4A, 4B, 6A	17, 18, 25
A	WO 97-30565 A1 (NEUKERMANS, ARMAND, P.) 21 August 1997	1-40
	See the whole document	
A	US 2009-0281367 A1 (CHO JIN-HO et al.) 12 November 2009	1-40
	See abstract, claim 1, and figure 5	
A	US 2005-0090705 A1 (JIN CHO et al.) 28 April 2005	1-40
	See the whole document	



Further documents are listed in the continuation of Box C.



See patent family annex.

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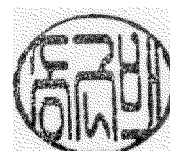
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