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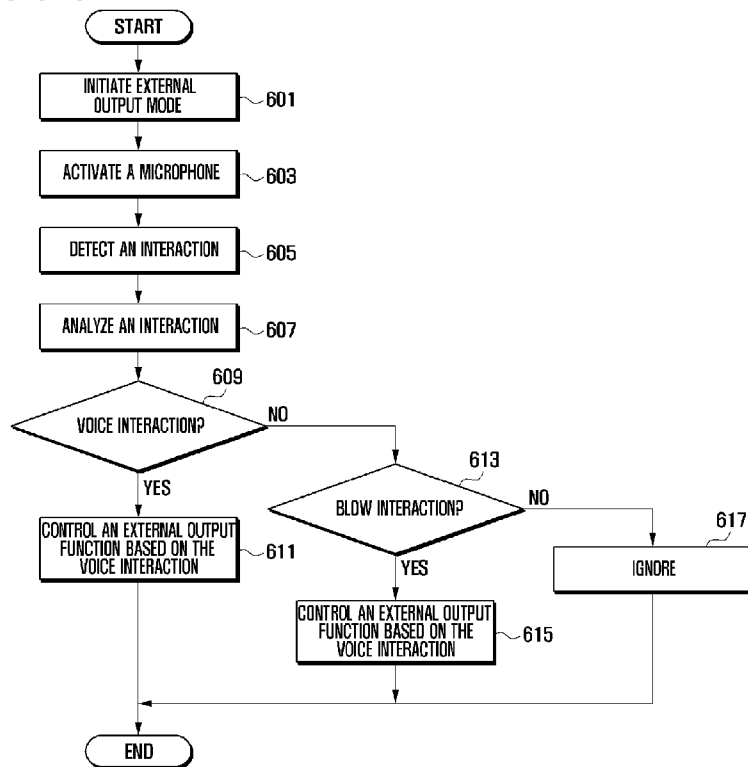
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(54) Title: METHOD AND SYSTEM FOR CONTROLLING EXTERNAL OUTPUT OF A MOBILE DEVICE

[Fig. 6]



(57) Abstract: A method and system is provided that controls an external output function of a mobile device according to control interactions received via the microphone. The method includes, activating a microphone according to preset optional information when the mobile device enters an external output mode, performing an external output operation in the external output mode, detecting an interaction based on sound information in the external output mode, and controlling the external output according to the interaction.

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A. CLASSIFICATION OF SUBJECT MATTER**H04B 1/40(2006.01)i**

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04B 1/40; H04W 4/12; G03B 21/26; G03B 21/00

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

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: mobile, device, projector, microphone, speaker.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 10-2009-0036227 A (KTF TECHNOLOGIES, INC.) 14 April 2009 See the abstract; claim 1; figure 1.	1-15
A	KR 10-2009-0013128 A (LG ELECTRONICS INC.) 04 February 2009 See the abstract; claim 1; figure 1.	1-15
A	KR 10-2009-0043240 A (KTF TECHNOLOGIES, INC.) 06 May 2009 See the abstract; claim 1; figure 1.	1-15

 Further documents are listed in the continuation of Box C. See patent family annex.

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 10-2009-0036227 A	14.04.2009	None	
KR 10-2009-0013128 A	04.02.2009	US 2009-0033877 A1 US 7926958 B2	05.02.2009 19.04.2011
KR 10-2009-0043240 A	06.05.2009	None	