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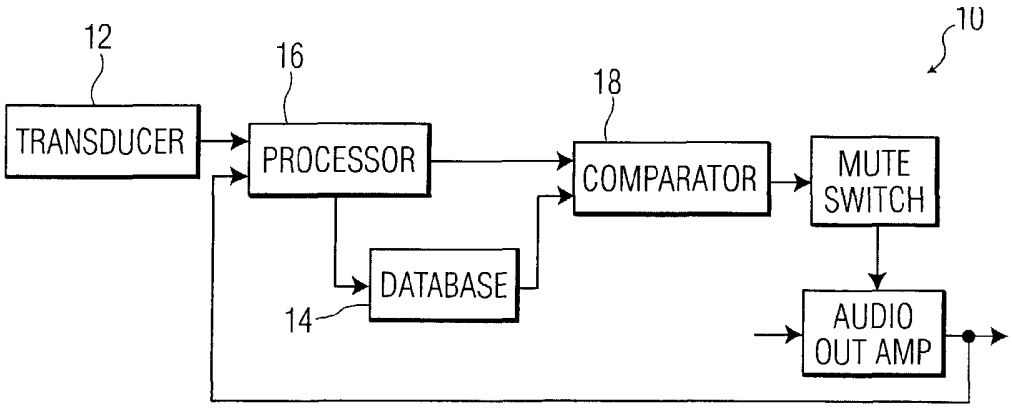
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(54) Title: RING TRIGGERED MUTE




(57) Abstract: A mute trigger apparatus (10) includes a transducer (12), a database (14), a processor (16), a comparator (18) and a mute switch (20). The transducer (12) is responsive to acoustic wave energy to develop a first electrical signal commensurate with said acoustic wave energy. The database (14) contains stored signal data. The processor (16) is responsive to the first electrical signal to develop dynamic signal data. The comparator (18) is responsive to each of the stored signal data and the dynamic signal data to develop a second electrical signal in the event the stored signal data and the dynamic signal data are substantially equivalent. The mute switch (20) has an off state and an on state. The mute switch (20) is normally biased in its off state and transitionable to its on state in response to the second electrical signal.

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# INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03G3/34 H03G3/32 H03G3/34 H04M1/82

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)
IPC 7 H03G H04M

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 practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| X | DE 197 31 034 A (BUKATSCH WERNER) 12 May 1999 (1999-05-12) column 1, line 56 - column 3, line 6; figure | 1-22 |
| A | WO 86/03353 A (WARRACK ANDREW; LAMBE JOHN CHARLES) 5 June 1986 (1986-06-05) abstract | 1,9,18 |
| A | US 4 389 543 A (GRANIRER MARTUS ET AL) 21 June 1983 (1983-06-21) abstract | 1,9,18 |

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☒ Patent family members are listed in annex.

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Information on patent family members

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