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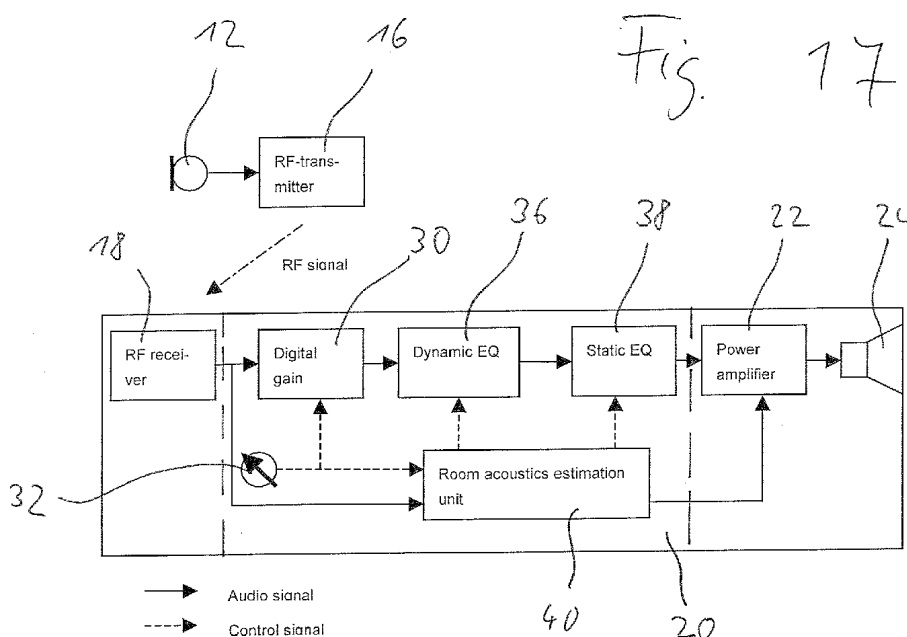
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(54) Title: METHOD AND SYSTEM FOR SPEECH ENHANCEMENT IN A ROOM



(57) Abstract: The invention relates to a method of speech enhancement in a room (10), comprising: determining acoustic parameters of the room and a loudspeaker arrangement (24) located in the room, capturing audio signals from a speaker's voice by a microphone (12), processing the captured audio signals by an audio signal processing unit (20), wherein the audio signals are filtered by applying a selected frequency response curve to the audio signals, generating sound according to the processed audio signals by the loudspeaker arrangement, determining a value indicative of the overall gain applied to the captured audio signals, and selecting the frequency response curve applied to the captured audio signals according to the overall gain value and said acoustic parameters.

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A. CLASSIFICATION OF SUBJECT MATTER

INV. H04R27/00

ADD.

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 G10L

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)

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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 2006/098826 A1 (MERLINE JOHN P [US] ET AL) 11 May 2006 (2006-05-11) cited in the application paragraph [0028] - paragraph [0048]; figures 1-3C	1,25
A	----- US 6 993 480 B1 (KLAYMAN ARNOLD I [US]) 31 January 2006 (2006-01-31) paragraph [0062] - paragraph [0084]; figures 3,5-9D -----	1,25

Further documents are listed in the continuation of Box C.

See patent family annex.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006098826	A1	11-05-2006	NONE

US 6993480	B1	31-01-2006	NONE
