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- (54) Acoustic apparatus and driving apparatus constituting the same.
- (57) An acoustic apparatus comprises a cabinet, and a loudspeaker unit and a driving apparatus disposed in the cabinet. The acoustic apparatus is driven by an external power amplifier which normally constantvoltage-drives a conventional loudspeaker. The driving apparatus has a power amplifier circuit and a transfer function control circuit, and drives the loudspeaker unit in cooperation with the external power amplifier. The driving apparatus generates an electric energy corresponding to an increase in energy from that which is required in a normal constantvoltage-driving, the increase being produced by an operation of the transfer function control circuit, and the generated energy is inputted to the loudspeaker unit. By means of the above, when the acoustic apparatus is driven by the external power amplifier, an internal resistance of the loudspeaker unit is substantially cancelled or reduced, and an improvement of the electro-acoustic transducing characteristics of the loudspeaker unit or a loudspeaker system is achieved.



EUROPEAN SEARCH REPORT

EP 90 12 5621

DOCUMENTS CONSIDERED TO BE RELEVANT				
ategory	IL.	h indication, where appropriate, vant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CI.5)
Α	EP-A-0 293 806 (YAMAHA) * Abstract; column 1, lines 1-5; column 3, line 40 - column 4, line 48; column 5, line 51 - column 7, line 6; column 11, lines 15-51; column 13, line 57 - column 14, line 19 *		1-3,7,11, 4, 15,17	H 04 R 3/00
Α	EP-A-0 340 762 (YAMAHA) * Abstract; column 2, line 51 - column 3, line 34; column 4, lines 14-38 *		1,2,7, 15-17	
Α	EP-A-0 181 608 (B. BARCUS) * Abstract; page 19, line 3 - page 20, line 6; page 21, lines 6-18 *		1,7,15	
Α	US-A-4 550 430 (MEYERS * Abstract; figure 1; column			
				TECHNICAL FIELDS SEARCHED (Int. Cl.5)
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- O: non-written disclosure
 P: intermediate document
- T: theory or principle underlying the invention
- $\&\::\:$ member of the same patent family, corresponding document