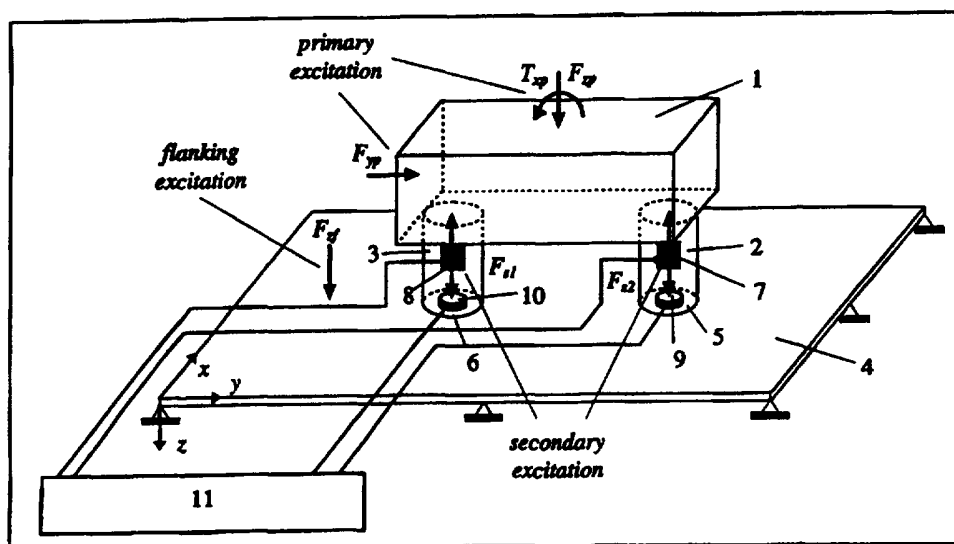




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(54) Title: ACTIVE VIBRATION CONTROL SYSTEM



(57) Abstract

An active vibration control system comprising a source structure (1) generating a source of vibration, a receiving structure (4), a mounting structure (2, 3) for mounting said source structure (1) on said receiving structure (4), and control means (11) for generating a controlling force in said mounting structure (2, 3) to minimize a cost function which is defined as the power transmitted to the receiving structure (4) due to the vibration generated in the source structure (1).

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 97/01549

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 F16F15/00

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 6 F16F

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	JIAQUANG PAN ET AL: "ACTIVE ISOLATION OF A VIBRATION SOURCE FROM A THIN BEAM USING A SINGLE ACTIVE MOUNT" JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, vol. 94, no. 3, PART 01, 1 September 1993, pages 1425-1434, XP000398762	1,7
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A	EP 0 676 559 A (COOPER TIRE & RUBBER CO) 11 October 1995 see the whole document	1
A	US 4 195 337 A (BERTRAND PIERRE ET AL) 25 March 1980 see the whole document	1
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Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 97/01549

C.(Continuation) 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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