Title: ALTERING TEMPORAL RESPONSE OF MICRO ELECTROMECHANICAL ELEMENTS

Abstract: An array of movable elements is arranged on a substrate. Each element has a cavity and a movable member to move through the cavity. The pressure resistance of the elements varies, allowing actuation signals to be manipulated to activate elements with different pressure resistance at different levels of the actuation signal.
Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
13 October 2005
### INTERNATIONAL SEARCH REPORT

#### A. CLASSIFICATION OF SUBJECT MATTER

**IPC 7**  G02B6/08  G02B7/182

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**  G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic database consulted during the international search (name of data base and, where practical, search terms used)

**EPO-Internal, WPI Data, PAJ**

#### C. DOCUMENTS CONSIDERED TO BE RELEVANT

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<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<td>US 6 574 033 B1 (CHUI CLARENCE ET AL)</td>
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**A** document member of the same patent family

Date of the actual completion of the international search

**18 August 2005**

Date of mailing of the international search report

**24/08/2005**

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
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**THEOPISTOU, P.**
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