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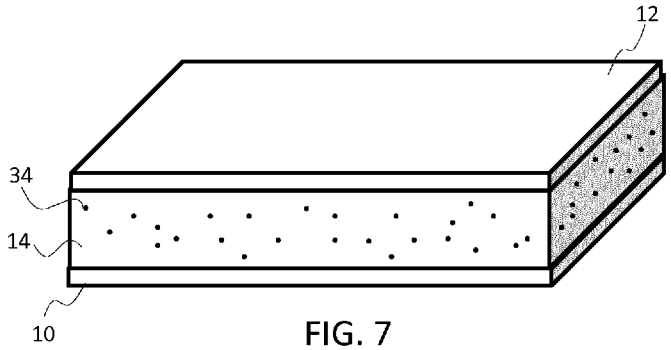


FIG. 7

(57) Abstract: The invention provides an electroactive polymer actuator comprising a capacitance compensation means adapted to at least partially offset any changes in the capacitance across the member induced by its deformation. In this way, the electronic control of the device is rendered much simpler, since a varying capacitance across the actuator member does not have to be accounted for when driving the actuator to perform a particular deformation.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. H01L41/193
ADD.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H01L

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)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2013/134832 A1 (SHEN WENG-CHANG [TW] ET AL) 30 May 2013 (2013-05-30)	1
Y	paragraph [0068]	2-6
A		7-15

Y	US 2011/108952 A1 (CHEN YONG [US]) 12 May 2011 (2011-05-12) paragraph [0012] - paragraph [0027]; figure 1	2-6

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☒ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/	Authorized officer
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2013134832 A1	30-05-2013	CN 103138701 A	05-06-2013
		DE 102012102791 A1	29-05-2013
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		US 2013134832 A1	30-05-2013
US 2011108952 A1	12-05-2011	NONE	