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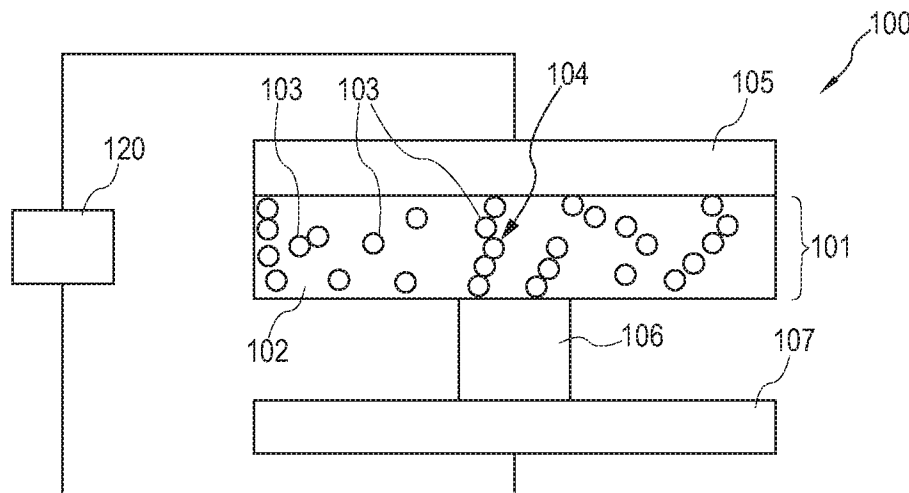


FIG 1

(57) Abstract: An electronic component (100) comprising a matrix (102) and a plurality of islands (103) embedded in the matrix (102) and comprising a material which is convertible between at least two states characterized by different electrical properties, wherein the plurality of islands (103) form a continuous path (104) in the matrix (102).

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INTERNATIONAL SEARCH REPORT

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B. FIELDS SEARCHED

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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.
X	EP 1 667 244 A (SAMSUNG ELECTRONICS CO LTD [KR]) 7 June 2006 (2006-06-07) paragraphs [0024] - [0036] paragraph [0054]; figure 9	1-21
X	DE 10 2004 041893 A1 (INFINEON TECHNOLOGIES AG [DE]) 2 March 2006 (2006-03-02) paragraphs [0020] - [0039]; figures 1-4	1-12, 14-18
A	DE 10 2004 014487 A1 (INFINEON TECHNOLOGIES AG [DE]) 17 November 2005 (2005-11-17) cited in the application paragraphs [0018] - [0024] paragraphs [0037] - [0055]	1
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2004/052117 A1 (JIANG HAI [US]) 18 March 2004 (2004-03-18) paragraphs [0030] - [0041]; figures 1-12 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

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