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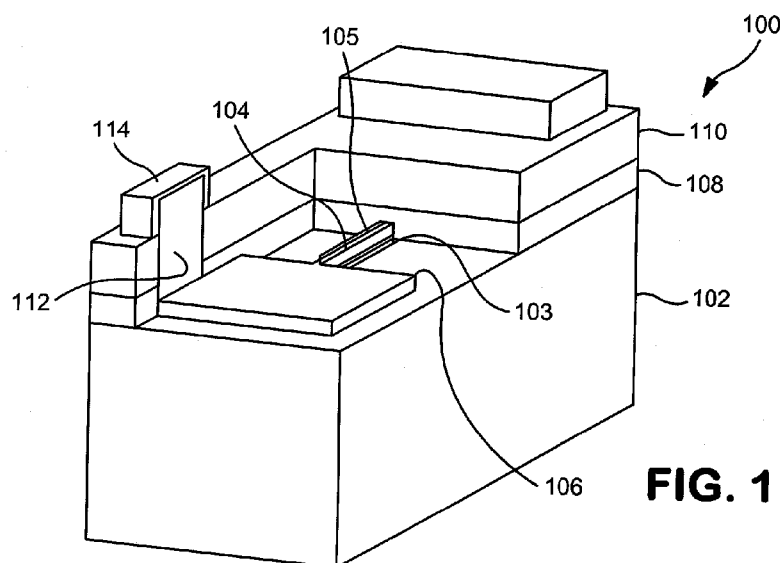


FIG. 1

(57) Abstract: A fuse, comprising: a substrate having respective top, bottom, side, and end surfaces; an elongated fuse element formed on said top surface of said substrate; a pair of contact pads integrally formed at opposed ends of said fuse element; at least one passivation layer covering said fuse element and at least a portion of said contact pads; first and second conductive electrodes coupled respectively to a top surface of each of said pair of contact pads; and at least one conductive termination layer for each of said electrodes, wherein the fuse is typically rated at 0.025 to 0.125 amps.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL2011/000820

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H01H 85/00 (2012.01)

USPC - 361/626

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(8) - H01H 85/00, 85/044, 85/20, 85/143; H01L 23/62, 23/58, 29/00, 29/40, 29/41, 29/417 (2012.01)

USPC - 29/623; 337/31, 33, 142, 159; 361/104, 275.2, 626, 628, 837

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)

PatBase, Google Patents, Google Scholar

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 2008/0130180 A1 (DE PALMA et al) 05 June 2008 (05.06.2008) entire document	1, 2, 14 — 3-13, 15-23
X — Y	US 2003/0142453 A1 (PARKER et al) 31 July 2003 (31.07.2003) entire document	24 — 15-23
Y	US 2006/0267137 A1 (GAMBINO et al) 30 November 2006 (30.11.2006) entire document	3-13, 15-23
Y	US 2005/0204548 A1 (AISENBREY) 22 September 2005 (22.09.2005) entire document	3-13, 15-23
Y	US 6,902,256 B2 (ANDERSON et al) 07 June 2005 (07.06.2005) entire document	4-7, 12-13
Y	US 5,585,662 A (OGAWA) 17 December 1996 (17.12.1996) entire document	8-13

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