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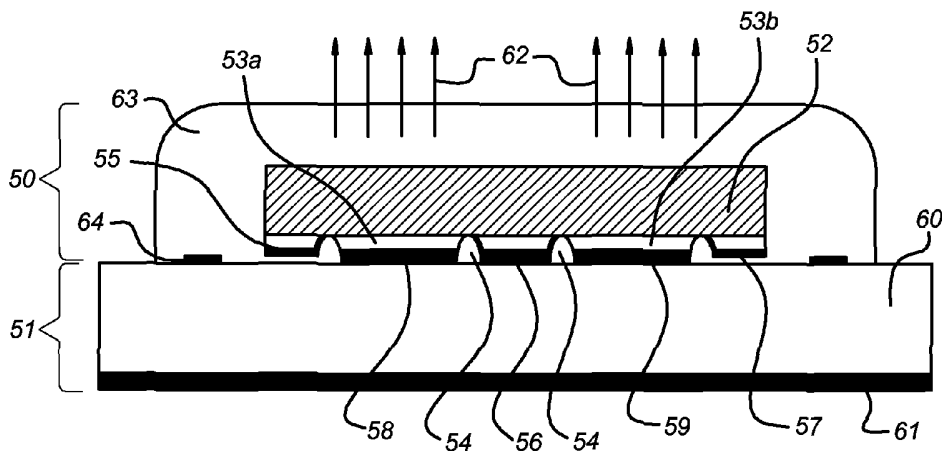
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(54) Title: ELECTRIC CIRCUIT, USE OF A SEMICONDUCTOR COMPONENT AND METHOD FOR MANUFACTURING A SEMICONDUCTOR COMPONENT



(57) Abstract: The invention relates to an electric circuit comprising at least one semiconductor component (38, 39, 40). The semiconductor component has a first area (52) of a first conduction type that is adjacent to a second area (53a) of a second conduction type. A first diode (4, 5, 8) is formed in this way. The first area (52) is also adjacent to a third area (53b) that is also of the second conduction type, with the result that the first and third areas form a second diode (6, 7, 9). When in operation, the circuit is designed such that both the first diode (4, 5, 8) and the second diode (6, 7, 9) only conduct current in a forward direction.

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<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) H01L H05B  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) EPO-Internal, WPI Data, PAJ		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 2004/222433 A1 (MAZZOCHETTE JOSEPH ET AL) 11 November 2004 (2004-11-11) paragraph [0023] - paragraph [0056]; figures 1-16	7-11, 15-22
X	US 2004/021145 A1 (HAMANO HIROSHI ET AL) 5 February 2004 (2004-02-05) paragraph [0055] - paragraph [0056]; figures 1-9	1-6, 12-14
X	US 2004/173802 A1 (YUKIMOTO TOMIHISA) 9 September 2004 (2004-09-09) abstract; figures 1-9	1-6, 12-14
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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