

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
27 February 2003 (27.02.2003)

PCT

(10) International Publication Number  
**WO 2003/016827 A3**

(51) International Patent Classification<sup>7</sup>: **G11B 5/03**

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(21) International Application Number:  
PCT/IB2002/003319

(22) International Filing Date: 19 August 2002 (19.08.2002)

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(25) Filing Language: English

(81) Designated States (*national*): JP, US.

(26) Publication Language: English

(30) Priority Data:  
101 40 517.0 17 August 2001 (17.08.2001) DE

Published:  
— with international search report

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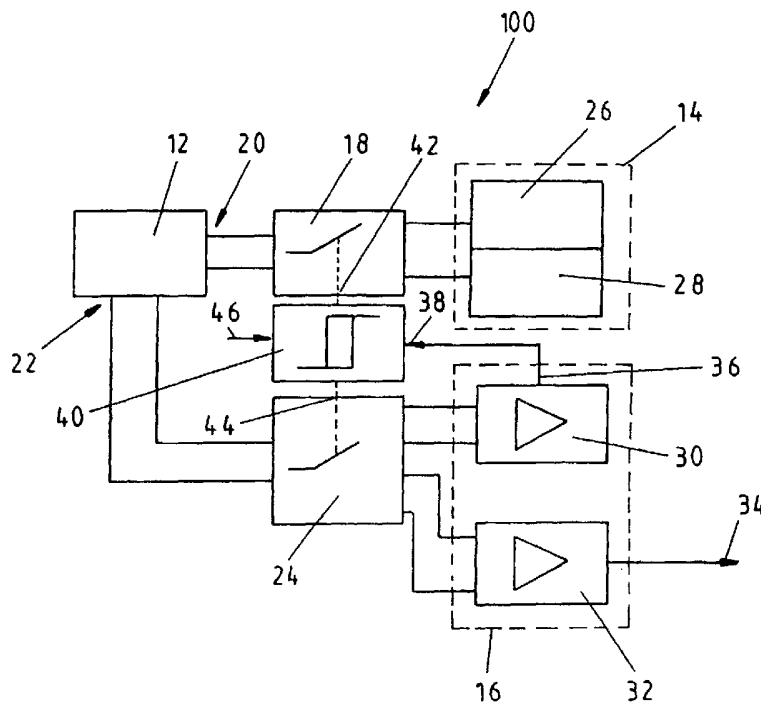
(88) Date of publication of the international search report:  
27 May 2004

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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: CIRCUIT ARRANGEMENT FOR CONTROLLING A MAGNETORESISTIVE SENSOR



(57) Abstract: To provide a circuit arrangement for controlling a sensor by means of a power supply source which is connected to input terminals of the sensor, and an evaluation circuit which is connected to output terminals of the sensor, by means of which the current consumption of a sensor in the standby state can be reduced in a simple manner, the power supply source (14) is switchable between at least two current levels in dependence upon an output signal level (S) of the sensor (12).

WO 2003/016827 A3

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 02/03319

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 G11B5/03		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B		
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.
X	US 5 390 054 A (YOUNGQUIST ROBERT ET AL) 14 February 1995 (1995-02-14) column 1, line 62 -column 2, line 8; figure 4 ---	1,9,10
X	EP 0 866 453 A (FUJITSU LTD) 23 September 1998 (1998-09-23) abstract; figure 1 ---	1,9,10
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 03, 31 March 1997 (1997-03-31) & JP 08 297806 A (HITACHI LTD), 12 November 1996 (1996-11-12) abstract ---	1,6,9,10
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		
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*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the international search	Date of mailing of the international search report	
19 May 2003	27/05/2003	
Name and mailing address of the ISA	Authorized officer	
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Brown, J	

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International Application No  
PCT/IB 02/03319

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X	<p>PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) &amp; JP 09 073620 A (HITACHI LTD), 18 March 1997 (1997-03-18) abstract -----</p>	1,9,10

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