

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 November 2001 (22.11.2001)

PCT

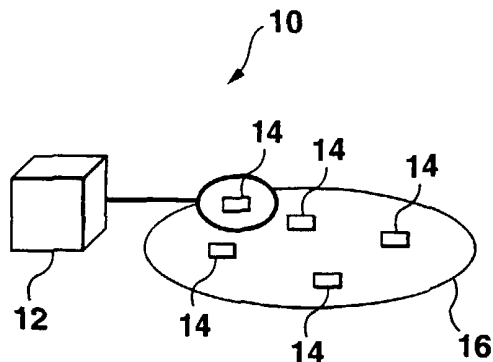
(10) International Publication Number
WO 01/088976 A3

- (51) International Patent Classification⁷: H01L 21/66, G01R 31/303, 31/3185
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- (21) International Application Number: PCT/CA01/00688
- (81) Designated States (*national*): CA, JP.
- (22) International Filing Date: 15 May 2001 (15.05.2001)
- (84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 2,308,820 15 May 2000 (15.05.2000) CA
- Published: — with international search report
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- (88) Date of publication of the international search report: 18 July 2002
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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: WIRELESS RADIO FREQUENCY TESTING METHODE OF INTEGRATED CIRCUITS AND WAFERS

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(57) Abstract: The present invention is for an apparatus and method for the wireless testing of Integrated Circuits and wafers. The apparatus comprises a test unit external from the wafer and at least one test circuit which is fabricated on the wafer which contains the Integrated Circuit. The test unit transmits an RF signal to power the test circuit. The test circuit, comprising a variable ring oscillator, performs a series of parametric tests at the normal operating frequency of the Integrated Circuit and transmits the test results to the test unit for analysis.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CA 01/00688

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L21/66 G01R31/303 G01R31/3185

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 7 H01L G01R

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, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 17353 A (BLON THOMAS ;SIEMENS AG (DE)) 8 April 1999 (1999-04-08)	1,2,11, 28,30, 34,35, 44,54
A	the whole document	3-10, 12-27, 29, 31-33, 36-43, 45-53, 55-69
Y	US 5 446 395 A (GOTO JUNICHI) 29 August 1995 (1995-08-29)	1,2,11, 28,30, 34,35, 44,54
	column 4, line 15-30; figure 3	

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Patent family members are listed in annex.

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Date of the actual completion of the international search

8 March 2002

Date of mailing of the international search report

18/03/2002

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PCT/CA 01/00688

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 6 058 497 A (TUTTLE MARK E) 2 May 2000 (2000-05-02) the whole document ----	1-69
A	WO 99 32893 A (CONEXANT SYSTEMS INC) 1 July 1999 (1999-07-01) the whole document -----	1-69

INTERNATIONAL SEARCH REPORT

Information on patent family members

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