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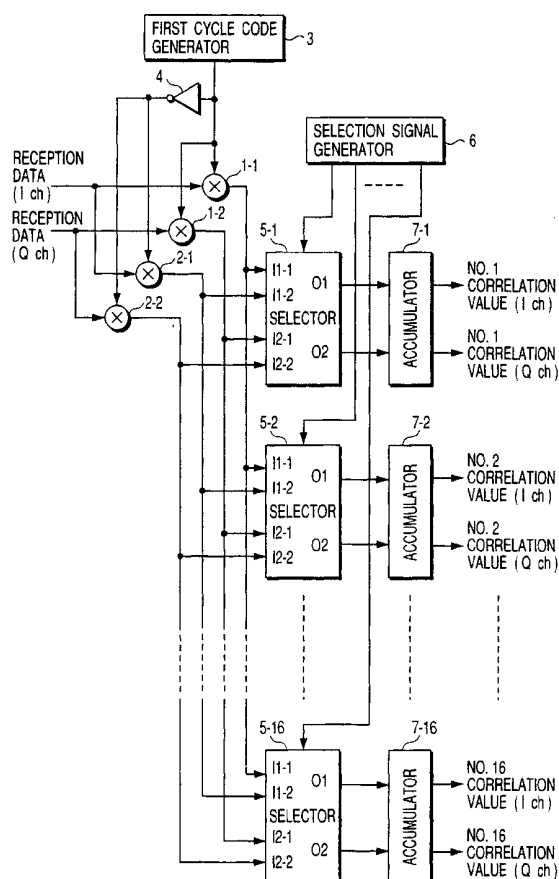
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(54) Title: CODE DETECTION CIRCUIT AND CODE DETECTION METHOD



(57) Abstract: Each of multipliers (1, 2) is used to respectively multiply reception data by a first cycle code generated in a first cycle code generator (3) and by an inverted first cycle code obtained by inverting the first cycle code in a polarity judging section (4). An output from each of the multipliers (1, 2) is supplied to 16 selectors (5) associated with 16 types of Hadamard Sequence patterns. To the selectors (5) are respectively fed selection signals of 16 patterns determined by figuring out exclusive ORs from a code obtained by converting each chip in a second cycle code from "1" to "0" and "-1" to "1" with respect to each of 16 types of the Hadamard Sequence patterns. The selectors (5) select and output each of the multipliers (1, 2) based on the selection signals so that outputs are accumulated in accumulators (7).

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# INTERNATIONAL SEARCH REPORT

International Application No

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## A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

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Minimum documentation searched (classification system followed by classification symbols)

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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, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	WO 00 67404 A (RAAF BERNHARD ;MICHEL JUERGEN (DE); SIEMENS AG (DE)) 9 November 2000 (2000-11-09) abstract page 2, line 21 -page 4, line 30 page 18, line 1 -page 23, line 34; figures 3-8 page 25, line 31 -page 27, line 30; claims 1-10; figure 11 ---	1,4
A	US 5 436 941 A (BULLOCK SCOTT R ET AL) 25 July 1995 (1995-07-25) column 1, line 29 -column 2, line 35; claims 1-20; figure 2 --- -/--	1,4



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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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	<p>WO 97 03503 A (STANFORD TELECOMM INC)</p> <p>30 January 1997 (1997-01-30)</p> <p>page 4, line 8 -page 6, line 11</p> <p>page 9, line 1 -page 10, line 13; claims</p> <p>1,2; figures 2-4</p> <p>-----</p>	1,4

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Information on patent family members

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