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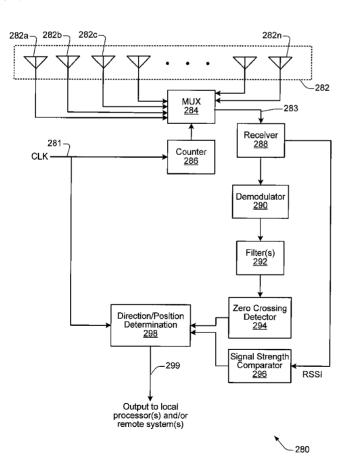
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#### (54) Title: RADIO DIRECTION FINDER FOR GAMING CHIP AND/OR PLAYER TRACKING



(57) Abstract: Various techniques are disclosed for facilitating tracking locations of players and/or wireless communication devices in a casino network. In at least one embodiment, an electronically switched Doppler antenna array may be utilized to detect a first wireless signal from a first signal source. Bearing information may be generated using information from the detected signal. In at least one embodiment, the bearing information may include a first directional bearing to the first signal source. Using at least a portion of the first bearing information, a first location of the first signal source may be determined. According to specific embodiments, the first signal source may correspond to a wireless communication device such as an RFID-enabled player tracking card or gaming chip. In at least one embodiment, a current location of the wireless communication device may be automatically tracked in real-time as the wireless communication device is moved through a first region of the casino.

Fig. 2

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A. CLASSIFICATION OF SUBJECT MATTER INV. G07F17/32 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) **G07F** 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 C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category\* Citation of document, with indication, where appropriate, of the relevant passages 1 - 21US 2006/076401 A1 (FRERKING GARY [US]) 13 April 2006 (2006-04-13) paragraphs [0001], [0004] - [0006], [0011] [0008], [0010], paragraphs [0020] - [0024] paragraphs [0032] - [0036] paragraphs [0041] - [0053] paragraph [0061] figures 1,3-5 US 2006/258442 A1 (RYAN CHAD A [US]) 5,6,15 16 November 2006 (2006-11-16) the whole document WO 03/032240 A (ALIEN TECHNOLOGY CORP [US]) 17 April 2003 (2003-04-17) paragraph [0110] Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: "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 "A" document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international document of particular relevance: the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 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 referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 29 September 2008 08/10/2008 Authorized officer Name and mailing address of the ISA 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

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