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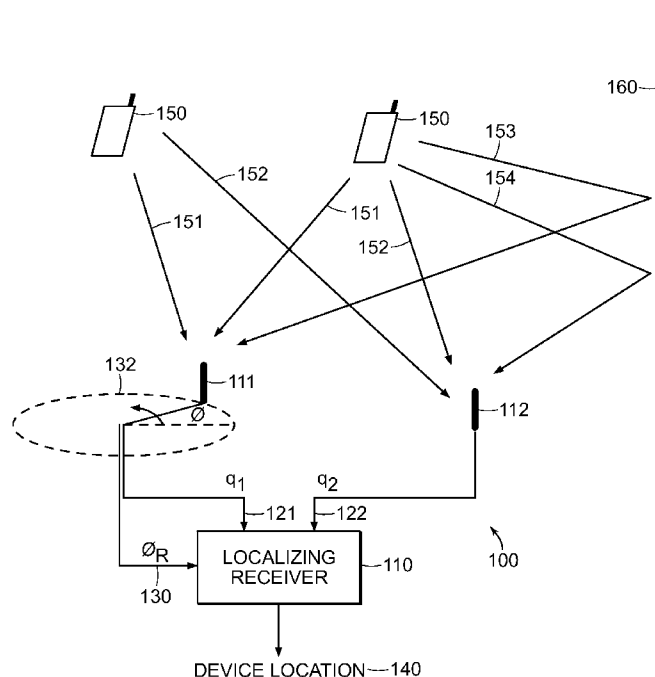
(54) **Title:** LOCALIZATION WITH NON-SYNCHRONOUS EMISSION AND MULTIPATH TRANSMISSION

FIG. 1

(57) **Abstract:** Directional characterization of a location of a target device makes use of multiple radio transmissions that are received from the target device. In some examples, each radio transmission is received at a first antenna at a fixed location, and is also received at a second moving antenna. The received transmissions are combined to determine the directional characterization, for example, as a distribution of power as a function of direction. In some examples, the received radio transmissions are processed to determine, for each of a plurality of directions of arrival of the radio transmissions, a most direct direction of arrival, for example, to distinguish a direct path from a reflected path from the target.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G01S3/48 G01S3/46 G01S3/52
ADD.

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)
G01S

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 practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 148 195 A (SCHUCHMAN LEONARD [US] ET AL) 14 November 2000 (2000-11-14) column 3, line 53 - column 5, line 30; figures 1,3,6	1-20
X	FR 2 280 088 A1 (ONERA (OFF NAT AEROSPATIALE) [FR]) 20 February 1976 (1976-02-20) page 2, line 27 - page 16, line 14; examples 1-6	1,17



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6148195	A	14-11-2000	NONE	

FR 2280088	A1	20-02-1976	NONE	
