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(54) Title: MOBILE RADAR ARRAY

(57) Abstract: A mobile radar array system comprising a towable platform having a pair of wheels operably coupled thereto, the wheels adapted for rolling along a road surface; and an antenna array mounted on a side of at least one of the wheels, the antenna array, when energized, capable of providing a radiation pattern for detecting a moving object.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/24955

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **H01Q 1/32**

USPC: 343/711

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)

U.S. : Please See Continuation Sheet

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)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,090,172 A (VESNIC) 16 May 1978 (16.05.1978).	1-20
A	US 4,319,220 A (PAPPAS et al) 09 March 1982 (09.03.1982).	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"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

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"&"

document member of the same patent family

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 1:

343/711,712,713,714,715,716,717,741,757,763,766,700MS;342/70,71,72,175,95,367-384;340/438,442,445,447,461;73/146-146.5;152/151,152.1;342/42,45

Continuation of B. FIELDS SEARCHED Item 3:

Search Text: US-PGPUB,USPAT,USOCR,FPRS,EPO,JPO,DERWENT,IBM_TDB,USOC,EPAB,JPAB,DWPI,USOC

Search Terms: wheel, tyre, antennas, radar, tire, array, tow, trailer, axle