

**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/JP2018/011765

**A. CLASSIFICATION OF SUBJECT MATTER**  
Int.Cl. G01S13/52 (2006.01) i, G01S7/35 (2006.01) i, G01S7/526 (2006.01) n,  
G01S15/50 (2006.01) n  
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)  
Int.Cl. G01S7/00-G01S7/64, G01S13/00-G01S17/95

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Published examined utility model applications of Japan 1922-1996  
Published unexamined utility model applications of Japan 1971-2018  
Registered utility model specifications of Japan 1996-2018  
Published registered utility model applications of Japan 1994-2018

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	宝珠山 治, 外 2 名, “相関関数合成演算に基づくドップラシフトに頑健なレーダ”, 2017 年電子情報通信学会総合大会通信講演論文集 1, 07 March 2017, page 197, non-official translation (HOSYUYAMA, Osamu et al., “Radar robust to Doppler shift on the basis of operation of correlation function synthesis”, Communication lecture proceedings 1 of the IEICE general conference 2017)	1-11
A	WO 2013/128878 A1 (NEC CORP. 06 September 2013, whole document & US 2015/0016224 A1	1-11
A	JP 2015-172510 A (NEC CORP.) 01 October 2015, whole document (Family: none)	1-11
A	JP 2016-050789 A (FURUNO ELECTRIC CO., LTD.) 11 April 2016, whole document & US 2016/0061944 A1 & EP 3012656 A1	1-11
A	JP 2000-187068 A (MITSUBISHI ELECTRIC CORP.) 04 July 2000, whole document (Family: none)	1-11

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 “E” earlier application or patent but published on or after the international filing date “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) “O” document referring to an oral disclosure, use, exhibition or other means “P” document published prior to the international filing date but later than the priority date claimed	“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 invention “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 “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 member of the same patent family
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Date of the actual completion of the international search 13 June 2018 (13.06.2018)	Date of mailing of the international search report 26 June 2018 (26.06.2018)
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