



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 82 55 92

Classification of the application (IPC):
H01Q 1/12, H01Q 3/08, H01Q 3/00, H01Q 1/24

Technical fields searched (IPC):
H01Q

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X,P	WO 2021226556 A1 (RADIARC TECH LLC [US]) 11 November 2021 (2021-11-11) * paragraphs [0001] - [0087]; figures 1-33; examples 1-9 *	1-15
A	CN 209133694 U (TIANYUAN RUIXIN COMMUNICATION TECH CO LTD) 19 July 2019 (2019-07-19) * paragraphs [0001] - [0029]; figures 1-9 *	1-15
A	US 2016211576 A1 (VASSILAKIS BILL [US]) 21 July 2016 (2016-07-21) * paragraphs [0001] - [0177]; figures 1-13 *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 21 August 2024	Examiner El-Shaarawy, Heba
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CATEGORY OF CITED DOCUMENTS

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|---|--|
| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
| A: technological background | E: earlier patent document, but published on, or after the filing date |
| O: non-written disclosure | D: document cited in the application |
| & : member of the same patent family, corresponding document | L: document cited for other reasons |

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 21-08-2024
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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 2021226556	A1	11-11-2021	EP	4147302 A1	15-03-2023
			WO	2021226556 A1	11-11-2021
CN 209133694	U	19-07-2019	NONE		
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			WO	2016115295 A1	21-07-2016