

Title (en)

METHOD FOR PRODUCING A DIRECTION-FINDING ANTENNA ARRAY AND ANTENNA ARRAY PRODUCED ACCORDING TO SUCH A METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER PEILGRUPPENANTENNE UND NACH SOLCH EINEM VERFAHREN HERGESTELLTE GRUPPENANTENNE

Title (fr)

PROCEDE DE REALISATION D'UN ENSEMBLE D'ANTENNES DE GONIOMETRIE ET ENSEMBLE ANTENNAIRE REALISE SELON UN TEL PROCEDE

Publication

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Application

EP 17821839 A 20171208

Priority

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- EP 2017081957 W 20171208

Abstract (en)

[origin: WO2018108723A1] The present invention relates to the field of the interception of electromagnetic signals. It more particularly relates to a method for manufacturing a two-dimensional radio-direction-finding antenna array comprising a step of designing said antenna array depending on preset constraints, said designing step comprising: a step (21) of defining a reference antenna array; a step (22) of searching for configurations to take into consideration for each of the antennae of a distance-finding antenna array; a step (23) of quantifying the maximum ambiguity level of each of the possible configurations on the basis of a correlation function in order to associate, with each of the configurations considered, an evaluation quantity; and a step (24) of searching for and selecting the configuration having the lowest evaluation quantity.

IPC 8 full level

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CPC (source: EP US)

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