

Title (en)
METHOD AND SYSTEM FOR GENERATING A MAP OF THE PROBABILITY OF A CARRIER BEING LOCATED BY A NETWORK OF LOCATION SENSORS

Title (de)
VERFAHREN UND SYSTEM ZUR ERZEUGUNG EINER KARTE DER WAHRSCHEINLICHKEIT, DASS SICH EIN TRÄGER DURCH EIN NETZWERK VON POSITIONSENSOREN BEFINDET

Title (fr)
METHODE ET SYSTEME DE GENERATION D'UNE CARTE DE PROBABILITE, POUR UN PORTEUR, D'ETRE LOCALISE PAR UN RESEAU DE CAPTEURS DE LOCALISATION

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Application
EP 21723710 A 20210504

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• EP 2021061663 W 20210504

Abstract (en)
[origin: WO2021228618A1] Computer-implemented method for generating a map of the probability of a carrier being located by a network of a plurality of location sensors En, each having a maximum locating range p n and a predefined locating precision, the method comprising the steps of: determining (101) a probability of presence of each location sensor En depending on its position, for each point M of a given geographic region, i. determining (102) the locating error achieved by the network of location sensors on the basis of the locating precision of each location sensor, ii. determining (103) a probability of being located by the network of location sensors to be equal to the integral, over a set of possible positions of the location sensors En, of the product of the probabilities of presence of each sensor En, if the locating error achieved by the network is lower than or equal to a predetermined threshold, and to be zero otherwise.

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