

Title (en)

APPARATUS, METHOD AND COMPUTER PROGRAM FOR DETERMINING A PROPERTY RELATED TO A QUALITY OF ONE OR MORE ALTERNATIVE CONFIGURATIONS OF A WIRELESS COMMUNICATION LINK

Title (de)

VORRICHTUNG, VERFAHREN UND COMPUTERPROGRAMM ZUR BESTIMMUNG EINER EIGENSCHAFT IM ZUSAMMENHANG MIT EINER QUALITÄT EINER ODER MEHRERER ALTERNATIVER KONFIGURATIONEN EINER DRAHTLOSEN KOMMUNIKATIONSVERBINDUNG

Title (fr)

APPAREIL, PROCÉDÉ ET PROGRAMME INFORMATIQUE POUR DÉTERMINER UNE PROPRIÉTÉ LIÉE À UNE QUALITÉ D'UNE OU PLUSIEURS CONFIGURATIONS ALTERNATIVES D'UNE LIAISON DE COMMUNICATION SANS FIL

Publication

EP 4305816 A1 20240117 (EN)

Application

EP 21712453 A 20210311

Priority

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Abstract (en)

[origin: WO2022188981A1] The present disclosure relates to an apparatus, method and computer program for determining a property related to a quality of one or more alternative configurations of a wireless communication link. The method comprises estimating channel coefficients of a wireless channel of the wireless communication link. The method comprises predicting a Signal-to- Interference-and-Noise-Ratio, SINR, of the one or more alternative configurations of the wireless communication link based on a function for predicting the SINR of an alternative configuration based on the estimated channel coefficients, the alternative configuration and a current configuration. The method further comprises determining the property related to the quality of the one or more alternative configurations based on the predicted SINR of the one or more alternative configurations of the wireless communication link.

IPC 8 full level

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