Title (en)

METHOD FOR AUTOMATICALLY DETERMINING A GROUP OF PAIRS LOCATED CLOSE TO ANOTHER PAIR IN A COMMUNICATION NETWORK AND ASSOCIATED SERVER, ANALYSIS DEVICE AND COMMUNICATION DEVICE

Title (de)

VERFAHREN ZUR AUTOMATISCHEN BESTIMMUNG EINER GRUPPE VON PAAREN, DIE SICH IN DER NÄHE EINES ANDEREN PAARS IN EINEM KOMMUNIKATIONSNETZ BEFINDET, UND DIESBEZÜGLICHER SERVER, ANALYSEEINRICHTUNG UND KOMMUNIKATIONSEINRICHTUNG

Title (fr)

PROCÉDÉ DE DÉTERMINATION AUTOMATIQUE D'UN GROUPE DE PAIRS SITUÉS DANS LE VOISINAGE D'UN AUTRE PAIR AU SEIN D'UN RÉSEAU DE COMMUNICATION, ET SERVEUR, DISPOSITIF D'ANALYSE ET ÉQUIPEMENT DE COMMUNICATION ASSOCIÉS

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Abstract (en)

[origin: WO2009007658A2] The invention relates to a dedicated method for determining pairs (P2, P3) located close to another pair (P1), each pair having at least one communication device connected to a communication node (R1-R7) of a communication network (RC) including multiple communication nodes, some of which have a known fixed position and are known as "landmarks". According to the invention, the following steps are performed upon detection of a new pair (P1), namely: (i) the closest landmark to the new pair in the communication network (RC) is determined; (ii) the "intermediate" nodes that define a path linking the new pair (P1) to the pre-determined landmark are determined from multiple nodes; and (iii) a group of pairs (P2, P3) located close to the new pair (P1) is determined as a function of at least the pre-determined path definition and the definitions of the paths linking others pairs to at least the pre-determined landmark.

IPC 8 full level

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