Title (en)

METHOD FOR THE COMPUTER-ASSISTED PROCESSING OF MEASUREMENTS OF FEATURES IN A RADIO NETWORK

Title (de)

VERFAHREN ZUM RECHNERGESTÜTZTEN VERARBEITEN VON MESSUNGEN VON MERKMALEN EINES FUNKNETZES

Title (fr)

PROCÉDÉ DE TRAITEMENT ASSISTÉ PAR ORDINATEUR DES MESURES DE CARACTÉRISTIQUES D'UN RÉSEAU RADIO

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Application

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Abstract (en)

[origin: WO2010121915A2] The invention relates to a method for the computer-assisted processing of measurements of features in a radio network comprising a plurality of base stations (AP1, AP2,..., AP9) and one or more mobile objects (O), for each of which measurements are taken. Each measurement is associated with a base station (AP1, AP2,..., AP9) and describes a feature of a field transmitted by a mobile object (O) at the associated base station (AP1, AP2,..., AP9) and/or a field transmitted by the associated base station (AP1, AP2,..., AP9) at the mobile object (O). A plurality of evaluation units (AU1, AU2,..., AU9) communicate with the base stations (AP1, AP2,..., AP9), one or more base stations (AP1, AP2,..., AP9) of the radio network being associated with each evaluation unit (AU1, AU2,..., AU9). The method of the invention is characterized in that a plurality of evaluation units evaluates features in the radio network, a suitable evaluation unit always being determined in accordance with the position of the mobile object in order to evaluate the features. Since the evaluation of features is distributed, not all evaluated data in the network is lost in case an evaluation unit breaks down. In addition, using multiple evaluation units ensures that enough computer capacity is available to process the measurements in said method.

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