

Title (en)

METHOD, APPARATUS AND SYSTEM FOR LOCALIZATION IN A WIRELESS NETWORK

Title (de)

VERFAHREN, VORRICHTUNG UND SYSTEM ZUR LOKALISIERUNG IN EINEM DRAHTLOSEN NETZ

Title (fr)

PROCEDE, APPAREIL ET SYSTEME DE LOCALISATION DANS UN RESEAU RADIO

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007015188A1] A method, apparatus and system for localization in wireless network are disclosed in the present invention for localizing one mobile node in a wireless network. The method comprises the steps of: acquiring a transmission power level, which is related to location of the mobile node; comparing the transmission power level with a location mapping information, wherein the location mapping information comprises at least a known location and its corresponding transmission power level; determining the location of the mobile node, according to the comparison result. The present invention can achieve broader applications for localization, and make the localization result for a mobile node more accurate and more efficient, since it utilizes the transmission power level to localize a mobile node, which makes the localization results insensitive to the influence of the complex environment.

IPC 8 full level

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