

Title (en)
NETWORK ARCHITECTURE AND METHODS FOR LOCATION SERVICES

Title (de)
NETZWERKARCHITEKTUR UND VERFAHREN FÜR STANDORTDIENSTE

Title (fr)
ARCHITECTURE DE RÉSEAU ET PROCÉDÉS DE SERVICES DE LOCALISATION

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Application
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Abstract (en)
[origin: WO2019191318A1] A split architecture is disclosed for determining the location of a wireless device in a heterogeneous wireless communications environment. A detector within the device or another component of the environment receives signals including parameters for a localization signal of the device. The parameters describe known in advance signals within the signals. Additional metadata including each frame start of the signals and assistance data and auxiliary information are also received. The known in advance signals are detected based on the parameters of the localization signal. Samples extracted from the known in advance signals are then processed and compressed and sent with other collect data to a locate server remote from the detector. The location server uses that information as well as similar information about the environment to calculate the location of the device, as well as perform tracking and navigation of the device, and report such results to the environment.

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Citation (search report)
[A] WO 2014093400 A1 20140619 - MARKHOVSKY FELIX [US], et al

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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