

Title (en)
PARTIALLY SYNCHRONIZED MULTILATERATION/TRILATERATION METHOD AND SYSTEM FOR POSITIONAL FINDING USING RF

Title (de)
VERFAHREN ZUR TEILWEISE SYNCHRONISIERTEN MULTILATERATION/TRILATERATION UND SYSTEM ZUR POSITIONSFINDUNG MITHILFE VON HF

Title (fr)
PROCÉDÉ ET SYSTÈME DE MULTILATÉRATION/TRILATÉRATION PARTIELLEMENT SYNCHRONISÉE POUR UNE RECHERCHE DE POSITION À L'AIDE DE SIGNAUX RADIOFRÉQUENCES

Publication
EP 3175668 A1 20170607 (EN)

Application
EP 15827815 A 20150731

Priority
• US 201462032371 P 20140801
• US 2015043321 W 20150731

Abstract (en)
[origin: WO2016019354A1] Systems and methods for determining a location of one or more user equipment (UE) in a wireless system can comprise receiving reference signals via a location management unit having two or more co-located channels, wherein the two or more co-located channels are tightly synchronized with each other and utilizing the received reference signals to calculate a location of at least one UE among the one or more UE. Embodiments include multichannel synchronization with a standard deviation of less than or equal 10 ns. Embodiments can include two LMUs, with each LMU having internal synchronization, or one LMU with tightly synchronized signals.

IPC 8 full level
H04W 72/04 (2009.01)

CPC (source: EP KR US)
G01S 1/20 (2013.01 - EP KR); **G01S 5/021** (2013.01 - EP KR); **G01S 5/0218** (2020.05 - EP KR US); **G01S 5/02216** (2020.05 - EP KR US); **H04W 64/00** (2013.01 - KR); **H04W 64/00** (2013.01 - EP)

Cited by
CN112532547A

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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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