

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

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

Title (fr)
PROCÉDÉ ET SYSTÈME DE MULTILATÉRATION OU TRILATÉRATION PARTIELLEMENT SYNCHRONISÉE DESTINÉS À LA RECHERCHE DE POSITION À L'AIDE DE SIGNAUX RF

Publication
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Application
EP 15853177 A 20151026

Priority
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Abstract (en)
[origin: WO2016065368A1] Systems and methods for determining a location of user equipment (UE) in a wireless system can comprise receiving reference signals via a location management unit (LMU) 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 the UE. Some systems may include multichannel synchronization with a standard deviation of less than or equal 10 ns. Some systems may include two LMUs, with each LMU having internal synchronization, or one LMU with tightly synchronized signals.

IPC 8 full level
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G01S 2205/06 (2020.05 - CN EP KR US)

Citation (search report)
• [E] WO 2016019354 A1 20160204 - INVISITRACK INC [US]
• See references of WO 2016065368A1

Cited by
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HK 1246857 A1 20180914; JP 2018109639 A 20180712; JP 2018500540 A 20180111; JP 6697451 B2 20200520; KR 102145095 B1 20200818;
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EP 18157335 A 20151026; HK 18106291 A 20180515; HK 18106299 A 20180515; JP 2017522391 A 20151026; JP 2018026810 A 20180219;
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