

Title (en)

CLOSENESS POSITIONING IN WIRELESS NETWORKS

Title (de)

NÄHEPOSITIONIERUNG IN DRAHTLOSEN NETZWERKEN

Title (fr)

PROXIMITÉ DE POSITIONNEMENT DANS DES RÉSEAUX SANS FIL

Publication

EP 2880896 A2 20150610 (EN)

Application

EP 13752955 A 20130730

Priority

- US 201261678155 P 20120801
- SE 2013050940 W 20130730

Abstract (en)

[origin: WO2014021771A2] The present invention provides methods and apparatus for determining the closeness of neighbor cells to a user terminal. A user terminal performs measurements and sends its measurements to a closeness determination node. The closeness determination node computes a closeness fingerprint based on measurements received from the user terminal, and stores the closeness fingerprint in a closeness database. When the closeness of a set of neighbor cells to a user terminal is to be determined, the user terminal may perform fingerprint measurements and send the fingerprint measurements to the closeness determination node. The closeness determination node may then select a set of neighbor cells that are closest to the user terminal based on the comparison of the received fingerprint measurements to the closeness fingerprints stored in the closeness database.

IPC 8 full level

H04W 24/10 (2009.01); **H04W 64/00** (2009.01)

CPC (source: EP US)

G01S 5/02524 (2020.05 - EP US); **H04W 36/0094** (2013.01 - EP); **H04W 64/00** (2013.01 - EP)

Citation (search report)

See references of WO 2014021771A2

Cited by

CN112314014A; US11805063B2

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