

Title (en)
OUT-OF-BAND SCANNING FOR FEMTO ACCESS POINT DETECTION

Title (de)
BANDEXTERNE ABTASTUNG FÜR DIE ERFASSUNG VON FEMTO-ZUGANGSPUNKTEN

Title (fr)
BALAYAGE HORS BANDE POUR DÉTECTION DE POINTS D'ACCÈS FEMTO

Publication
EP 2815612 A1 20141224 (EN)

Application
EP 13710697 A 20130228

Priority

- US 201213399404 A 20120217
- US 201213408210 A 20120229
- US 2013028385 W 20130228

Abstract (en)
[origin: WO2013123528A1] Scanning for femto access points includes scanning out-of-band (OOB) channels to discover OOB signals associated with the femto access point. When a femto access point is first discovered, a first type of scan is performed of each of the OOB channels. The user equipment (UE) determines whether any received responses originate from femto OOB access points and, if so, updates a search database of the UE. During subsequent visits to the area of the femto OOB access points, when the UE detects entry to a fingerprint area of the femto OOB access point, a second type of scan is performed, in which each of the OOB channels with femto OOB access points identified in the search database are scanned. If responses are detected to this second type of scan, a proximity indication is transmitted using in-band signals to a serving macro access point.

IPC 8 full level
H04W 48/16 (2009.01); **H04W 48/20** (2009.01)

CPC (source: EP KR)
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H04W 48/20 (2013.01 - EP); **H04W 84/045** (2013.01 - EP)

Citation (search report)
See references of WO 2013123528A1

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