

Title (en)
FREQUENCY HOPPING IN LICENSE-EXEMPT/SHARED BANDS

Title (de)
FREQUENZSPRINGEN BEI LIZENZFREIEN/GEMEINSAM BENUTZTEN BÄNDERN

Title (fr)
SAUT DE FRÉQUENCE DANS DES BANDES PARTAGÉES/NON SOUMISES À LICENCE

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Abstract (en)
[origin: WO2012164531A1] RRC signaling is used to configure a user device for N secondary cells SCells on license-exempt channels w_i ; in a frequency hopping channel set $W=\{w_i\}$ where $i=1,2,\dots,N$. Then cross-carrier scheduling is sent on a primary cell PCell to schedule a frequency hopping FH resource block h_i on the i th license-exempt channel w_i . Based on measurements of at least some of the license-exempt channels w_i received from at least the user device, parameters for the frequency hopping are adapted. The FH resource block contains M physical resource blocks, scheduled for the SCell during a FH time interval $T_u \cdot L + j$ by a resource grant sent on a PDCCH of the PCell. In an embodiment the RRC signaling is sent by a micro access node/HeNB on the PCell, the cross carrier scheduling is sent also by the micro access node/HeNB on the PCell, and the PCell lies within an LTE licensed frequency band.

IPC 8 full level
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