

Title (en)
BOUNDARY SECTOR HARD HANDOFF TRIGGER

Title (de)
AUSLÖSER VON HARTEM WEITERREICHEN AN DER SEKTORGRENZE

Title (fr)
DECLENCHEUR DE TRANSFERT INTERCELLULAIRE A SOLUTION DE CONTINUITE DANS LES SECTEURS LIMITOPHES

Publication
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Application
EP 98920236 A 19980505

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Abstract (en)
[origin: WO9853620A1] A method and system for triggering hard handoff of a call from a CDMA network cell operating on a first frequency to a cell operating on at least one second frequency or in an AMPS network are disclosed. In a departure from the art, a boundary sector handoff trigger is implemented in two stages. The first stage of the trigger occurs when the active set of a mobile unit consists only of pilots identified as boundary pilots; that is, the active set comprises a "boundary active set." Once the requirements for the first stage are satisfied, a second stage of the boundary sector trigger of the present invention is enabled. During the second stage, a round-trip delay ("RTD") of communications between the mobile unit and the BTS to which it is nearest is monitored and once the RTD exceeds a predetermined threshold, the trigger is complete and handoff processing continues with target selection and handoff execution.

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Citation (third parties)
Third party :
US 5828661 A 19981027 - WEAVER JR LINDSAY A [US], et al

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