

Title (en)

REACQUISITION AND HANDOFF IN A SLOTTED MODE COMMUNICATION SYSTEM

Title (de)

WIEDERERFASSUNG UND WEITERREICHEN IN EINEM SEGMENTIERTEN MODUS KOMMUNIKATIONSSYSTEM

Title (fr)

REACQUISITION ET TRANSFERT DANS UN SYSTEME DE COMMUNICATION A MODE DE CRENEAUX TEMPORELS

Publication

**EP 1269790 A1 20030102 (EN)**

Application

**EP 01924597 A 20010402**

Priority

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- US 54080100 A 20000331

Abstract (en)

[origin: WO0176313A1] In a remote unit (50) of a slotted mode wireless communication system, the handoff performance is improved. Search parameters for a preferred base station, and a desired number of neighboring base stations, are passed to a search engine during a preparation period (46) of an active state (42) of the remote unit prior to its assign slot. While in the preparation period (46), the search engine performs (70) searches and the controller evaluates the results. If one of the neighboring base stations' pilot signal is sufficiently stronger than the preferred base station (74) then a handoff is performed, assigning (76) the neighboring base station as the preferred base station. The handoff is completed before the remote unit enters its assigned slot (48).

IPC 1-7

**H04Q 7/38**

IPC 8 full level

**H04B 1/707** (2011.01); **H04J 13/00** (2011.01); **H04W 36/08** (2009.01); **H04W 74/04** (2009.01)

CPC (source: EP US)

**H04W 36/302** (2023.05 - EP US); **H04W 74/04** (2013.01 - EP); **Y02D 30/70** (2020.08 - EP)

Citation (search report)

See references of WO 0176313A1

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