

Title (en)
IN PACKET-SWITCHED CELLULAR NETWORKS

Title (de)
PAKETINTERN VERMITTELTE ZELLULARE NETZWERKE

Title (fr)
PROCEDES ET DISPOSITIF DE MACRO-DIVERSITE EN LIAISON MONTANTE DANS DES RESEAUX CELLULAIRES A COMMUTATION PAR PAQUETS

Publication
EP 1502122 A4 20100721 (EN)

Application
EP 03750062 A 20030505

Priority
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Abstract (en)
[origin: WO03096657A2] A method and apparatus for providing uplink macro-diversity in packet-switched networks that allows packets and/or portions of packets, e.g., frames, to be selectively sent from an end node, e.g., wireless communication device or mobile terminal, over a set of multiple communication connections, e.g., base stations. Uplink macro-diversity is achieved in part through intelligent selective forwarding over multiple communication connections, where the forwarding decision is controlled by the end node based on a variety of factors, e.g., physical-layer channel conditions and/or higher layer policy. The forwarding decision is executed on a rapid timescale, e.g., on a per packet basis, to adapt to the dynamically varying conditions of the set of communication connections.

IPC 8 full level
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H04W 36/18 (2013.01); **H04W 40/02** (2013.01); **H04W 84/12** (2013.01); **H04W 24/00** (2013.01)

Citation (search report)
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