Title (en)

METHOD, DEVICES, AND COMPUTER PROGRAM FOR DYNAMICALLY SELECTING FREQUENCY BANDS FOR UPLINK COMMUNICATION FOR OFDMA OR SC-FDMA TERMINALS, THE POWER OF WHICH IS CONTROLLED

Title (de)

VERFAHREN, VORRICHTUNGEN UND COMPUTERPROGRAMM ZUR DYNAMISCHEN AUSWAHL VON FREQUENZBÄNDERN FÜR UPLINK-KOMMUNIKATION FÜR OFDMA ODER SC-FDMA-ENDGERÄTE MIT GESTEUERTER LEISTUNG

Title (fr)

PROCEDE, DISPOSITIFS ET PROGRAMME D'ORDINATEUR DE SELECTION DYNAMIQUE DE BANDES DE FREQUENCES POUR LA COMMUNICATION MONTANTE DE TERMINAUX DE TYPE OFDMA OU SC-FDMA CONTROLES EN PUISSANCE

Publication

EP 2649743 A1 20131016 (FR)

Application

EP 11787721 A 20111019

Priority

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Abstract (en)

[origin: WO2012052683A1] The invention relates to the selection of a frequency sub-band in a base station for a cellular network, the sub-band belonging to a frequency band that can be used by a mobile terminal for establishing uplink communication with the base station. After having estimated (220) a minimum transmission power of the terminal, the estimated transmission power is compared to at least one power interval defined by at least one previously calculated power threshold. A frequency sub-band is selected (225) in response to said comparison, the selected sub-band being associated, according to a predetermined rule, with said at least one power interval. An identifier of the selected sub-band is then transmitted (230) to the terminal, which uses said sub-band to establish uplink communication with the base station.

IPC 8 full level

H04L 5/00 (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2012052683A1

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