

Title (en)

System and method of dynamic control of the band-width of an antenna, associated telephone

Title (de)

System und Verfahren zur dynamischen Kontrolle der Bandbreite einer Antenne, zugehöriges Telefon

Title (fr)

Système et procédé de commande dynamique de la largeur de la bande passante d'une antenne, téléphone associé.

Publication

EP 1580834 B1 20120919 (FR)

Application

EP 05102363 A 20050323

Priority

FR 0403067 A 20040325

Abstract (en)

[origin: EP1580834A1] The system has an impedance switching system (6) for switching between two states, where each state corresponds to a series connection of impedance between an antenna (3) and a transceiver module (4). The switching system includes an active unit e.g. active diode (61), whose passing or blocked state is controlled by a control unit (7), where the active diode is mounted in parallel to a variable resistor. Independent claims are also included for the following: (A) a mobile telephone including an antenna and a transceiver module (B) a process for controlling antenna bandwidth.

IPC 8 full level

H01Q 1/24 (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/335** (2015.01)

CPC (source: EP)

H01Q 1/242 (2013.01); **H01Q 5/335** (2015.01)

Citation (examination)

EP 0813311 A2 19971217 - NEC CORP [JP]

Cited by

EP2274795A4

Designated contracting state (EPC)

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