Title (en)

DEVICE FOR CONTROLLING THE OPERATION OF A WIRELESS TDD COMMUNICATION DEVICE, AND ASSOCIATED CONTROL METHOD

Title (de)

VORRICHTUNG ZUR STEUERUNG DES BETRIEBS EINER DRAHTLOSEN TDD-KOMMUNIKATIONSVORRICHTUNG UND ZUGEHÖRIGES STEUERUNGSVERFAHREN

Title (fr)

DISPOSITIF DE CONTROLE DU FONCTIONNEMENT D'UN DISPOSITIF DE COMMUNICATION TDD SANS FIL, PROCEDE DE CONTROLE ASSOCIE

Publication

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Application

EP 21731237 A 20210427

Priority

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Abstract (en)

[origin: WO2021224564A1] The invention relates to a control device (D_CO) for controlling the operation of a wireless communication device (D_TX) comprising an antenna (100), a front-end module configured for transmitting and receiving signals according to a time-division multiplexing scheme, and switching means (110) capable of configuring said front-end module according to at least two modes including a first mode (M _1)/ second mode (M_2) in which the front-end module presents a first/second impedance to the antenna, said first and second impedances being distinct from each other. Furthermore, said control device is intended to be integrated in said communication device and comprises a control module (MOD_CO) configured so as to control said switching means so that the front-end module alternates between said first and second modes and thus the communication device backscatters an ambient signal.

IPC 8 full level

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CPC (source: EP US)

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