

Title (en)
DEVICE FOR CONTROLLING THE OPERATION OF A WIRELESS FDD COMMUNICATION DEVICE, AND ASSOCIATED CONTROL METHOD

Title (de)
VORRICHTUNG ZUR STEUERUNG DES BETRIEBS EINER DRAHTLOSEN FDD-KOMMUNIKATIONSVORRICHTUNG UND ZUGEHÖRIGES STEUERUNGSVERFAHREN

Title (fr)
DISPOSITIF DE CONTROLE DU FONCTIONNEMENT D'UN DISPOSITIF DE COMMUNICATION FDD SANS FIL, PROCEDE DE CONTROLE ASSOCIE

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Application
EP 21731236 A 20210427

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Abstract (en)
[origin: WO2021224563A1] 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 frequency-division multiplexing scheme, and switching means (110) capable of configuring at least one transmission or reception chain of said front-end module according to at least two modes including a first mode (M_1)/second mode (M_2) in which the processing chain 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 to control said switching means so that the processing chain alternates between said first and second modes and thus the communication device backscatters an ambient signal.

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