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(54) Title: HANDLING COLLISIONS BETWEEN UPLINK DATA REPETITIONS AND AN UPLINK CONTROL TRANSMISSION

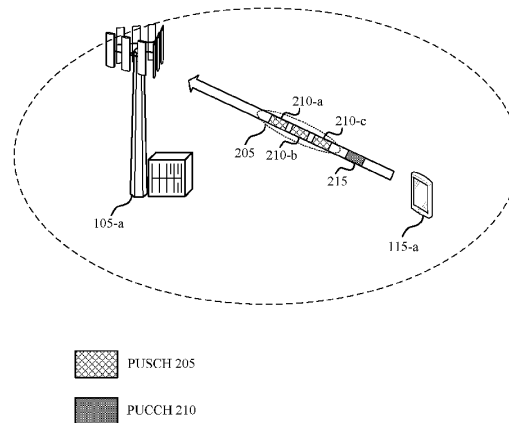


FIG. 2

(57) **Abstract:** This disclosure describes methods, devices, and systems for techniques related to wireless communications, and more particularly uplink transmissions on one or more of a physical uplink shared channel (PUSCH) and a physical uplink control channel (PUCCH). Generally, the described techniques support handling collisions between PUSCH repetitions and a PUCCH transmission. A user equipment (UE) may identify that uplink control information (UCI) is scheduled for transmission via an uplink control transmission that overlaps with multiple repetitions of an uplink data transmission. The UE may determine, for each of the multiple repetitions, a quantity of resources available for carrying multiplexed uplink control information, generate encoded UCI by encoding the UCI based on the quantity of resources available in each of the multiple repetitions, and multiplex the encoded UCI on at least a portion of the multiple repetitions based on the quantity of resources available in each of the multiple repetitions.

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WO 2020/210357 A1

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