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(54) Title: WIRELESS COMMUNICATION METHOD AND DEVICE

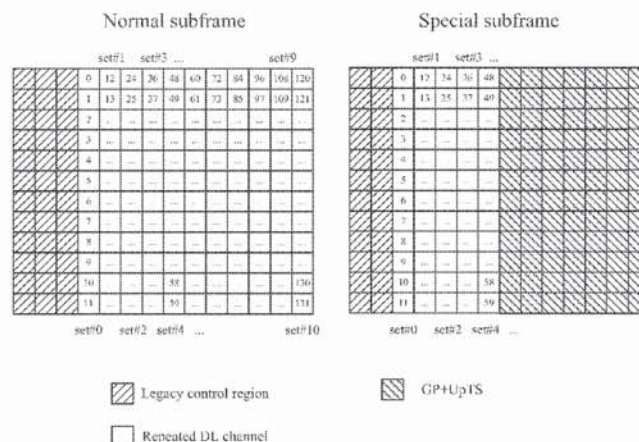


Fig.3

(57) Abstract: Provided are wireless communication methods and devices. In one embodiment, a wireless communication method performed by a wireless communication device comprises a step of transmitting a data packet repeatedly in multiple subframes including at least one normal subframe and at least one special subframe to another wireless communication device, wherein the available resources in the special subframe are different from that in the normal subframe, the data packet includes multiple modulated symbols which are divided into multiple modulated-symbol sets, in each subframe, each OFDM symbol is mapped by one of the modulated-symbol sets, and in every subframe, the modulated symbols in the same modulated-symbol set are mapped onto REs in one OFDM symbol in a fixed order. In another embodiment, multiple repetitions of the data packet are transmitted in each subframe, and in each special subframe, different repetitions are mapped onto REs with cyclic shift.