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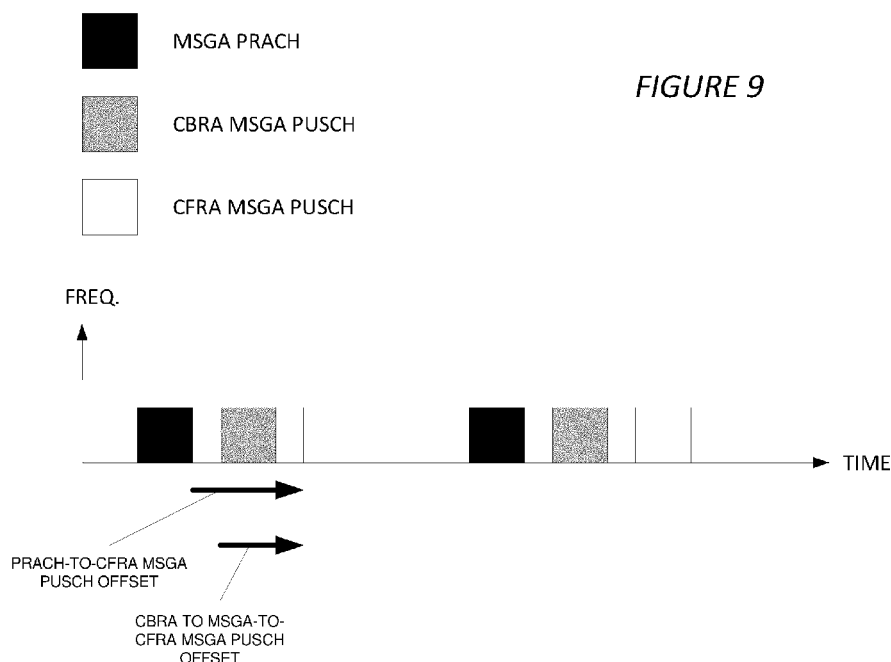
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(54) Title: TWO-STEP RANDOM ACCESS



(57) Abstract: A UE is provided with a dedicated preamble for use in a two-step random access procedure, as well as dedicated, contention-free PUSCH transmission resources for the PUSCH part of msgA. In one embodiment, the base station transmits a partial PUSCH msgA configuration to the UE using dedicated RRC signaling. In another embodiment, the base station transmits a resource index to the UE indicative of a dedicated PUSCH resource for a msgA transmission via dedicated RRC signaling.



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