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(54) **Title:** SIGNALING AND DETERMINATION OF SLOT AND MINI-SLOT STRUCTURE



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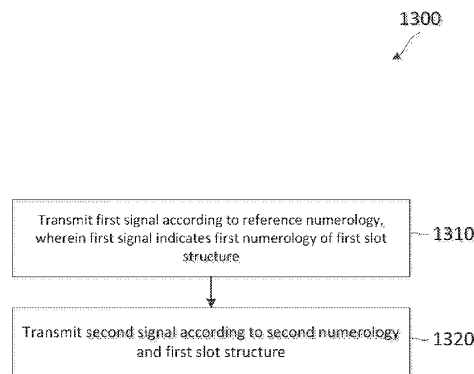


FIG. 13

(57) **Abstract:** Wireless communications systems, methods, and techniques related to signaling and determining slot and mini-slot structures are provided. A first wireless communication device transmits a first signal according to a first numerology including at least a first tone spacing. The first signal indicates a second numerology including at least a second tone spacing. The first wireless communication device transmits a second signal according to the second numerology. The first signal includes a physical broadcast channel (PBCH) signal. The second numerology is independent from the first numerology. Different slot/mini-slot structures may be utilized for varying channel types to support mixed numerology arrangements. Embodiments may utilize single and varied slot structures; single slot structures may be decoupled from transmission numerology and varied slot structures may be defined based on reference numerology. Other aspects, embodiments, and features are also claimed and described.

[Continued on next page]

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