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(54) Title: DECOUPLING OF SYNCHRONIZATION RASTER AND CHANNEL RASTER

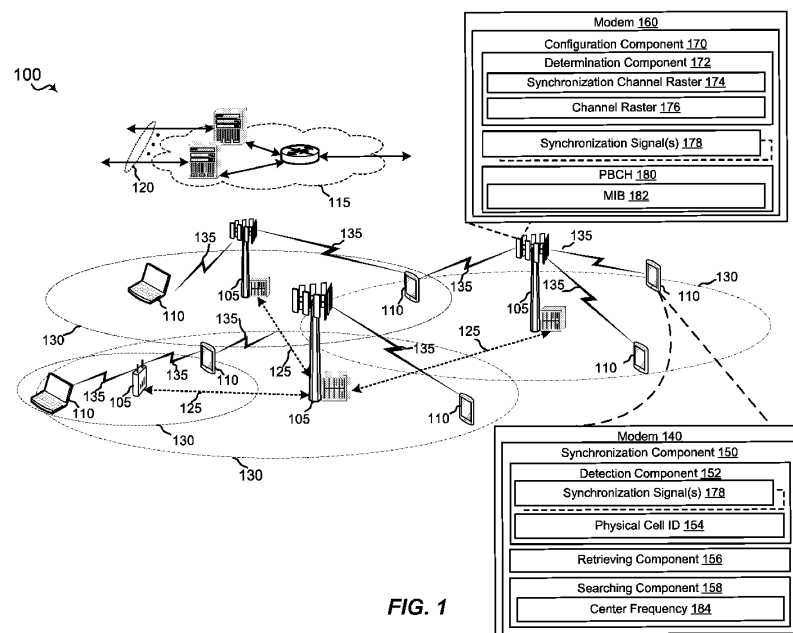


FIG. 1

(57) Abstract: A method and apparatus for decoupling of a synchronization ("sync") channel raster and a channel raster in a wireless communication system is disclosed. For example, the method and apparatus include determining, at a network entity, a synchronization channel raster corresponding to a set of frequencies, and transmitting, from the network entity, one or more synchronization signals and a physical broadcast channel (PBCH) in any frequency of the set of frequencies of the synchronization channel raster to at least one UE. For example, the method and apparatus further include determining, at a network entity, a synchronization channel raster corresponding to a set of frequencies, and transmitting, from the network entity, one or more synchronization signals and a PBCH in a frequency of the set of frequencies of the synchronization channel raster closest to a center frequency of a bandwidth to at least one UE.

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