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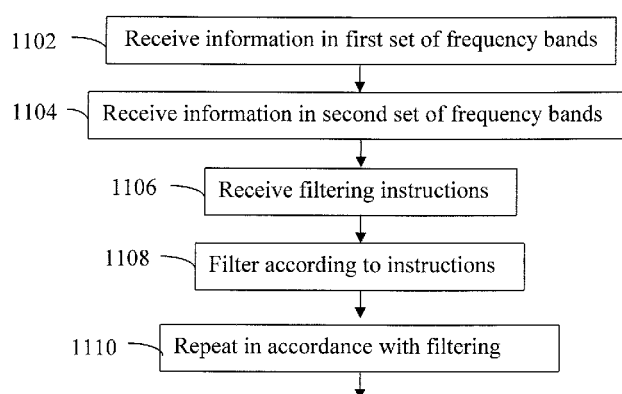


Figure 11

(57) Abstract: Methods and apparatuses for enabling frequency selective repetition of signals in a telecommunication system in which aggregation of component carriers is applied. Information signals are received (1102) in a first set of frequency bands, which is defined to cover anchor carriers, which can be used by both legacy and non-legacy terminals. Further, information is received (1104) in a second set of frequency bands, which is defined to cover non-anchor carriers, which only can be used by non-legacy terminals. Instructions concerning which frequency band(s) that should be repeated by the repeater node, are also received (1106). Thereafter, the frequency bands indicated in the instructions are filtered out (1108), after which these frequency bands or parts are repeated by the repeater node. This results in enabling frequency selective repetition in a system which may comprise legacy mobile, which limits the interference in the system, which enables higher bitrates and saves energy.

