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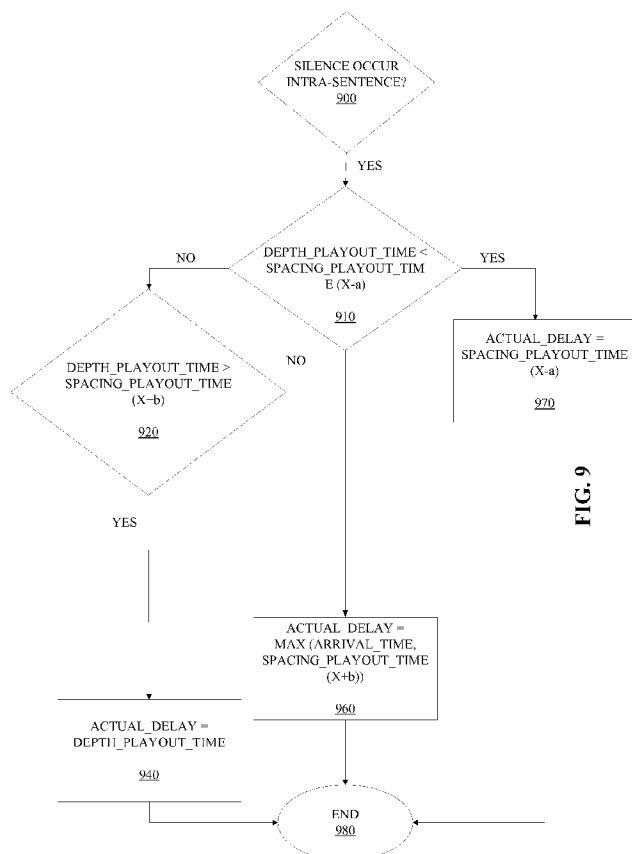
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR MODIFYING PLAYBACK TIMING OF TALKSPURTS WITHIN A SENTENCE WITHOUT AFFECTING INTELLIGIBILITY



(57) Abstract: Adaptive De-Jitter Buffer for Voice over IP (VoIP) for packet switched communications. The de-jitter buffer methods and apparatus presented modify the playback of packets dependent upon whether silence periods are detected inter-sentence or intra-sentence to optimize voice quality in a communication system. In one example, a de-jitter buffer determines the length of at least one silence period associated with a plurality of received packets and determines a time to transmit a portion of the packets based on the determined length of the silence period. In another example, a silence characterizer unit performs this function.



NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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