

LOST FRAME CONCEALMENT

ABSTRACT

A receiver in a frame based radio communication system includes a speech decoder of the source-filter type which is controlled by means (20, 22, 24) including internal state variable updated on a frame by frame basis for modifying received filter defining parameters representing background sounds transmitted over a communication channel. The receiver includes means (14) for detecting frame loss and means (18) for concealing the effects of frame loss by restricting updating of at least one of the internal state variables.

(figure 1)