

ABSTRACT**TRANSMISSION ERROR CONCEALMENT**

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 variables updated on a frame by frame basis for modifying received filter parameters representing background sounds transmitted over a communication channel. The receiver includes means (12, 13, 14) for detecting frames containing transmission errors, means (16) for deciding whether a frame in which transmission errors have been detected is acceptable, and means (18) for concealing the detected transmission errors by restricting updating of at least one of the internal state variables if the detected frame is declared non-acceptable by the deciding means.

(Figure 1)