

METHOD FOR NOISE REDUCTION
ABSTRACT

A method for reducing the noise in an speech signal by removing the noise from an input speech signal is disclosed. The noise reducing method includes converting the input speech signal into a frequency spectrum, determining filter characteristics based upon a first value obtained on the basis of the ratio of a level of the frequency spectrum to an estimated level of the noise spectrum contained in the frequency spectrum and a second value as found from the maximum value of the ratio of the frame-based signal level of the frequency spectrum to the estimated noise level and the estimated noise level, and reducing the noise in the input speech signal by filtering responsive to the filter characteristics. A corresponding apparatus for reducing the noise is also disclosed.

FIGURE 1