

ABSTRACT

VOICE ACTIVITY DETECTOR

A method for determining whether a data frame of a coded speech signal corresponds to voice or to noise, including the steps of determining the cross-correlation of the data of said data frame; determining the periodicity of the cross-correlation; determining the variance of the periodicity; determining said data frame corresponds to noise if the cross-correlation is lower than a predetermined cross-correlation value; and determining the data corresponds to voice if the variance is less than a predetermined variance value.

Figure 4



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