Electrocardiogram Signal Processing System

ABSTRACT

According to embodiments of the present invention, an electrocardiogram signal processing system is provided which includes: a wavelet transformation unit comprising a plurality of outputs, each output being connected to one of a plurality of scales, wherein the wavelet transformation unit is adapted to transform an input electrocardiogram signal into a set of wavelets, each wavelet being output to one of the scales; a plurality of signal processing blocks, each of the signal processing blocks coupled to a respective output of the wavelet transformation unit and configured to receive and process the wavelet from the respective output, wherein the signal processing blocks provide processing functions which differ from one another.

Figure 1