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(54) Title: FUSING CONTEXTUAL SENSORS FOR IMPROVING BIOSIGNAL EXTRACTION

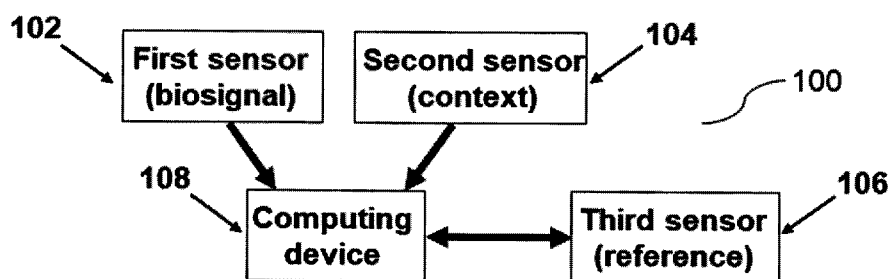


Fig. 1

(57) Abstract: A computer-implemented method and a system for determining one or more biosignals of a user are disclosed herein. The method comprises collecting first data from at least one first sensor for detecting a first signal including said one or more biosignals; collecting second data from at least one second sensor for detecting a second signal, the second signal including a signal overlaying the one or more biosignals in the first signal; processing said first and second data using a neural network that has been trained using a reference signal for said one or more biosignals, thereby to extract said one or more biosignals from the first signal. The method and system allow for the determination of biosignals with improved quality and accuracy.

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