

Title (en)
ARTEFACT REDUCTION IN PHOTOPLETHYSMOGRAPHY

Title (de)
ARTEFAKTREDUZIERUNG IN PHOTOPLETHYSMOGRAPHIE

Title (fr)
REDUCTION DES ARTEFACTS EN PHOTOPLETHYSMOGRAPHIE

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Application
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Abstract (en)
[origin: WO9932030A1] In order to remove motion artefact prior to digital processing, the invention provides a method of monitoring living tissue comprising the steps of emitting electromagnetic radiation at said tissue at at least first and second different wavelengths, receiving the radiation at the different wavelengths after it has been transmitted through or reflected within said tissue, providing at least first and second signals which are a logarithmic measure of the received first and second radiation wavelengths and subtracting the second signal from the first signal, removing a DC component of the result of the subtraction and providing an AC component to digital sampling means, and processing the digital samples in order to provide a desired value representing a property of the tissue.

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