

Title (en)  
OPTICAL MONITORING

Title (de)  
OPTISCHE ÜBERWACHUNG

Title (fr)  
CONTROLE OPTIQUE

Publication  
**EP 1125109 A1 20010822 (EN)**

Application  
**EP 99951015 A 19991028**

Priority  
• GB 9903563 W 19991028  
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Abstract (en)  
[origin: WO0025112A1] An optical monitoring method is disclosed by means of which the absolute concentration of chemical or biological species of interest may be determined in tissue in vivo. Electromagnetic radiation - typically near infrared - is directed through the tissue of interest and emergent radiation is sampled from at least three points with different direct physical path lengths. Signal processing in real time is applied to the emergent radiation. Apparatus for use in this method is also disclosed.

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**G01N 21/49**

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CPC (source: EP)  
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