

Title (en)
METHOD AND DEVICE FOR THE DIFFERENTIAL SPECTROPHOTOMETRY OF NON-CLEAR MEDIA BY MEANS OF SPECTRO-TEMPORAL IMAGING IN COUNTING MODE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR DIFFERENZIELLEN SPEKTROSKOPIE TRÜBER MEDIEN MITTELS ZEIT-SPEKTRALE ABBILDUNG IN ZÄHLERMODUS

Title (fr)
PROCEDE ET DISPOSITIF DE SPECTROPHOTOMETRIE DIFFERENTIELLE DE MILIEUX NON LIMPIDES PAR IMAGERIE SPECTRO-TEMPORELLE EN MODE COMPTAGE

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Application
EP 03756516 A 20030730

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Abstract (en)
[origin: WO2004013617A2] Disclosed are a method and a device for the differential spectrophotometry of non-clear media by means of spectro-temporal imaging in counting mode. In order to analyze a non-clear medium, said medium is illuminated by at least one light pulse, a spectral and temporal transmission image is obtained of the illuminated medium in counting mode, and the image and the derivatives thereof are processed in order to obtain information on the non-clear medium. The invention applies to the analysis of diffusing and absorbing media, e.g. milk.

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Citation (search report)
See references of WO 2004013617A2

Citation (examination)
LEONARDI L AND BURNS D H: "Quantitative Measurements in Scattering Media: Photon Time-of-Flight Analysis with Analytical Descriptors", APPLIED SPECTROSCOPY, vol. 53, no. 6, 1999, pages 628 - 636, XP000827481, DOI: doi:10.1366/0003702991947270

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