

Title (en)

METHOD AND APPARATUS FOR ELECTROPHORETIC ANALYSIS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ELEKTROFORETISCHEN ANALYSE

Title (fr)

PROCEDE ET APPAREIL D'ANALYSE ELECTROPHORETIQUE

Publication

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Application

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Abstract (en)

[origin: WO9528636A1] In a method and system for electrophoretic analysis of fluorophore-labelled substance mixtures, an electrophoresis zone (1) having at least one lane (3), and photometric detector means (4) fixed relative to this lane for detecting separated fluorophore-labelled substances as they pass the detector means (4) are used. According to the invention, there are further used means (5, 8, 9, 10) for alternately emitting to the electrophoresis lane light of different wavelengths or wavelength bands (  $\lambda_1$ ,  $\lambda_2$ ) corresponding to the excitation wavelengths for two or more different fluorophores, and synchronisation means for relating a detected fluorescent light emission to a respective excitation wavelength.

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