

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

EP 0755513 A1 19970129 (EN)

Application

EP 95916890 A 19950412

Priority

- CA 2187780 A 19961011
- SE 9500396 W 19950412
- SE 9401251 A 19940414

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 (λ_1 , λ_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.

IPC 1-7

G01N 27/447

IPC 8 full level

C12Q 1/68 (2006.01); **G01N 27/447** (2006.01)

CPC (source: EP)

C12Q 1/6869 (2013.01); **G01N 27/44721** (2013.01); **G01N 2021/6419** (2013.01)

Citation (search report)

See references of WO 9528636A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9528636 A1 19951026; CA 2187780 A1 19980411; EP 0755513 A1 19970129; JP H09512102 A 19971202; SE 9401251 D0 19940414

DOCDB simple family (application)

SE 9500396 W 19950412; CA 2187780 A 19961011; EP 95916890 A 19950412; JP 52689795 A 19950412; SE 9401251 A 19940414