

Title (en)

FLOW-THROUGH ELECTROCHEMICAL BIOSENSOR

Title (de)

DURCHFLIESSELEKTROCHEMISCHER BIOSENSOR

Title (fr)

BIOCAPTEUR ELECTROCHIMIQUE A RENOUVELLEMENT CONTINU

Publication

EP 0760101 A1 19970305 (EN)

Application

EP 95920021 A 19950511

Priority

- EP 9501779 W 19950511
- GB 9409449 A 19940512

Abstract (en)

[origin: GB2289339A] The sensor comprises a solid phase immunoassay system 4 close to a porous working electrode 5, a counter electrode 6 and means to produce a flow of fluid through the sensor. The solid phase is preferably at least one porous membrane and the fluid flow may be produced by a pump or by a wicking material. The porous working electrode may be made of graphite, carbon paper or may be a printed electrode on porous material. Detection of TSH (thyroid stimulating hormone) and thyroxin is described. <IMAGE>

IPC 1-7

G01N 33/543; **G01N 27/327**

IPC 8 full level

G01N 27/327 (2006.01); **G01N 33/543** (2006.01)

CPC (source: EP)

G01N 33/5438 (2013.01)

Citation (search report)

See references of WO 9531725A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

GB 2289339 A 19951115; **GB 2289339 B 19980916**; **GB 9409449 D0 19940629**; CA 2189994 A1 19951123; EP 0760101 A1 19970305; JP H10500212 A 19980106; WO 9531725 A1 19951123

DOCDB simple family (application)

GB 9409449 A 19940512; CA 2189994 A 19950511; EP 9501779 W 19950511; EP 95920021 A 19950511; JP 52934495 A 19950511