

Title (en)

DEVICE FOR DETERMINING THE ACTIVITY OF ENZYMES

Title (de)

VORRICHTUNG ZUR BESTIMMUNG DER AKTIVITÄT VON ENZYMEN

Title (fr)

DISPOSITIF POUR DETERMINER L'ACTIVITE D'ENZYMES

Publication

**EP 1563086 A1 20050817 (DE)**

Application

**EP 03789039 A 20031114**

Priority

- DE 10254703 A 20021123
- EP 0312718 W 20031114

Abstract (en)

[origin: WO2004048602A1] The invention relates to a device for determining the activity of enzymes. The aim of the invention is to determine enzyme activity directly in solution in the simplest and most rapid manner possible, without derivatisation or the preparation of other samples. To achieve this, at least one electrode array (3), which is coated with a polymer film (6), self-assembled monolayers (SAM), or silanes, is located on a support (2) and a substrate is applied to said coating by adsorption, said substrate being degradable by the enzyme whose activity is to be determined.

IPC 1-7

**C12Q 1/00**

IPC 8 full level

**C12Q 1/00** (2006.01)

CPC (source: EP)

**C12Q 1/001** (2013.01)

Citation (search report)

See references of WO 2004048602A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004048602 A1 20040610**; AU 2003293686 A1 20040618; DE 10254703 A1 20040617; EP 1563086 A1 20050817

DOCDB simple family (application)

**EP 0312718 W 20031114**; AU 2003293686 A 20031114; DE 10254703 A 20021123; EP 03789039 A 20031114