

Title (en)

DEVICE AND METHOD FOR DETECTING PHOTOSYNTHESIS INHIBITION

Title (de)

VORRICHTUNG UND VERFAHREN ZUM NACHWEIS DER PHOTOSYNTHESE-HEMMUNG

Title (fr)

DISPOSITIF ET PROCEDE POUR METTRE EN EVIDENCE UNE INHIBITION DE LA PHOTOSYNTHESE

Publication

EP 1407040 A2 20040414 (DE)

Application

EP 02743243 A 20020626

Priority

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- EP 0207057 W 20020626

Abstract (en)

[origin: WO03006684A2] A method, system and test strip for detecting photosynthesis inhibition in substances by providing cells or parts of cells with an intact photosystem, inserting said cells or cell parts into a planar layer, placing the test substance on the planar layer or inside the planar layer, exciting the luminescence of the cells or cell parts in the planar layer by an exciting light source, measuring the luminescence of the cells or cell parts in the planar layer by means of a detector and associating the detector signal with the degree of photosynthesis inhibition.

IPC 1-7

C12Q 1/02; **C12M 1/34**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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