

Title (en)  
METHOD AND DEVICE FOR DETECTING A NUCLEOTIDE SEQUENCE

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM NACHWEIS EINER NUKLEOTIDSEQUENZ

Title (fr)  
PROCEDE ET DISPOSITIF DE DETECTION D'UNE SEQUENCE NUCLEOTIDIQUE

Publication  
**EP 1064407 A1 20010103 (DE)**

Application  
**EP 99919084 A 19990316**

Priority  
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Abstract (en)  
[origin: DE19811729A1] A method for fluorescent detection of a nucleotide sequence (N) is new in which the presence of N generates or destroys an interaction between two fluorophores (F1, F2), the new feature is that at least one of F1 and F2 is bound to a solid phase (M). The interaction between the fluorophores makes possible a non-radiative (Foerster) or direct energy transfer. Independent claims are also included for the following: (1) a microtiter plate for carrying out the process with F1 bonded to the wells; and (2) kit including the microtiter plate plus an F2-labeled second primer.

IPC 1-7  
**C12Q 1/68**

IPC 8 full level  
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