

Title (en)  
SINGLE-CHANNEL, MULTICOLORED CORRELATION ANALYSIS

Title (de)  
EINKANAL-MEHRFARBEN-KORRELATIONSANALYSE

Title (fr)  
ANALYSE DE CORRELATION A PLUSIEURS COULEURS ET A UN CANAL

Publication  
**EP 1421367 A1 20040526 (DE)**

Application  
**EP 02797637 A 20020828**

Priority

- DE 10141950 A 20010828
- DE 10210737 A 20020312
- EP 0209610 W 20020828

Abstract (en)  
[origin: WO03021240A1] The invention relates to a method for detecting luminescent molecules by optical excitation in confocal measuring volumes, wherein different species of luminescent molecules are excited at different times in a sample and the emission radiation of the different species coming from the measuring volume is picked up by a single detector. The invention also relates to a device which is suitable for implementing said method.

IPC 1-7  
**G01N 21/64**; **G02B 21/00**; **G01N 21/25**

IPC 8 full level  
**G01N 21/25** (2006.01); **G01N 21/64** (2006.01); **G02B 21/00** (2006.01)

CPC (source: EP US)  
**G01N 21/6408** (2013.01 - EP US); **G01N 21/6428** (2013.01 - EP US); **G01N 21/6458** (2013.01 - EP US); **G02B 21/0024** (2013.01 - EP US); **G02B 21/0076** (2013.01 - EP US); **G01N 2021/6419** (2013.01 - EP US); **G01N 2021/6421** (2013.01 - EP US); **G01N 2021/6441** (2013.01 - EP US)

Citation (examination)  
WO 0037985 A2 20000629 - ZEISS CARL JENA GMBH [DE], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**WO 03021240 A1 20030313**; EP 1421367 A1 20040526; US 2004238756 A1 20041202; US 7223985 B2 20070529

DOCDB simple family (application)  
**EP 0209610 W 20020828**; EP 02797637 A 20020828; US 48800504 A 20040227