

Title (en)

PARTICLE ENHANCED SPECTROSCOPIC DETECTION

Title (de)

TEILCHENUNTERSTÜTZTER SPEKTROSKOPISCHER NACHWEIS

Title (fr)

DETECTION SPECTROSCOPIQUE AMELIOREE PAR DES PARTICULES

Publication

**EP 0876606 A4 19991006 (EN)**

Application

**EP 96936099 A 19960927**

Priority

- US 9615729 W 19960927
- US 443895 P 19950928

Abstract (en)

[origin: WO9712238A1] A method for increasing the signal levels (50) of solutions containing emissive molecules. The increase in signal level (50) is derived from an interaction between small particles (20) and the excitation electromagnetic radiation (42). The method may be used in different optical geometries and in both flow and static applications.

IPC 1-7

**G01N 30/02**; **G01N 21/64**

IPC 8 full level

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CPC (source: EP)

**G01N 21/6428** (2013.01); **G01N 30/74** (2013.01); **G01N 2030/8441** (2013.01)

Citation (search report)

- [A] CA 2076709 A1 19940225 - KRULL ULRICH J [CA], et al
- [A] US 5017009 A 19910521 - SCHUTT ERNEST G [US], et al
- [A] US 5393673 A 19950228 - GJERDE DOUGLAS T [US], et al
- See references of WO 9712238A1

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GB2480640A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 9712238 A1 19970403**; AU 7383296 A 19970417; EP 0876606 A1 19981111; EP 0876606 A4 19991006

DOCDB simple family (application)

**US 9615729 W 19960927**; AU 7383296 A 19960927; EP 96936099 A 19960927