Title: APPARATUS FOR FLUORESCENCE SUBTRACTED RAMAN SPECTROSCOPY

Abstract: A fluorescence subtracted Raman spectroscopy apparatus uses a wavelength modulated tunable filter as the spectrometer. The wavelength modulation results in an amplitude modulation on the detected optical signal. By using a frequency selective detection technique, the Raman signal is amplified and extracted from the fluorescence background.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: G01J 3/44(2006.01); G01N 21/65(2006.01)
   USPC: 356/301
   According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
   Minimum documentation searched (classification system followed by classification symbols)
   U.S. : 356/301
   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
   Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
   Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT
   Category *  Citation of document, with indication, where appropriate, of the relevant passages  Relevant to claim No.

   Further documents are listed in the continuation of Box C.  See patent family annex.

   * Special categories of cited documents:
     "A" document defining the general state of the art which is not considered to be of particular relevance
     "E" earlier application or patent published on or after the international filing date
     "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
     "O" document referring to an oral disclosure, use, exhibition or other means
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Form PCT/ISA/210 (second sheet) (April 2005)
Continuation of B. FIELDS SEARCHED Item 3:

EAST

search terms: Raman, fluoresce$, modulat$, tunable, filter