

Title (en)  
AUTOMATIC ANALYSER AND OPTICAL MEASUREMENT METHOD FOR OBTAINING MEASUREMENT SIGNALS FROM LIQUID MEDIA

Title (de)  
AUTOMATISCHER ANALYSATOR UND OPTISCHES MESSVERFAHREN ZUR GEWINNUNG VON MESSSIGNALEN VON FLÜSSIGEN MEDIEN

Title (fr)  
ANALYSEUR AUTOMATIQUE ET PROCÉDÉ DE MESURE OPTIQUE POUR OBTENIR DES SIGNAUX DE MESURE DE MILIEUX LIQUIDES

Publication  
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Application  
**EP 19720760 A 20190412**

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- AT 500212019 A 20190111
- AT 2019060124 W 20190412

Abstract (en)  
[origin: WO2019204841A1] The invention relates to a method and an apparatus for carrying out chemical, biochemical and/or immunochemical analyses of liquid samples which are present in a sample store (920) of an automatic analyser (100) with the aid of liquid reagents which are present in at least one reagent store (950a, 950b) of the analyser (100), the apparatus having cuvettes (201) for receiving the liquid samples and reagents, wherein a plurality of cuvettes is arranged in the analyser in the form of at least one stationary, linear cuvette array (200). The analyser comprises an optical measurement unit (500), with a stationary light-providing unit (540) which comprises at least one light-distributing device (542), which feeds the light of a plurality of LED light sources (541) emitting within different spectra in the UV/VIS/NIR wavelength range into the entry window (202) of the individual cuvettes (201) of the cuvette array (200). The optical measurement unit (500) is furthermore equipped with a stationary detection unit (550), which is associated with the exit windows (203) of the cuvettes (201) and which comprises a plurality of photodiodes (551).

IPC 8 full level  
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