

Title (en)

CONTINUOUS FLOW AUTOMATIC CHEMICAL ANALYSIS SYSTEMS AND COMPONENTS FOR USE THEREIN.

Title (de)

AUTOMATISCHE CHEMISCHE ANALYSESYSTEME MIT KONTINUIERLICHEM DURCHFLUSS UND DABEI VERWENDETE KOMPONENTEN.

Title (fr)

SYSTEMES AUTOMATIQUES D'ANALYSE CHIMIQUE A ECOULEMENT CONTINU ET COMPOSANTS UTILISES AVEC CES SYSTEMES.

Publication

EP 0036000 A4 19830803 (EN)

Application

EP 80901707 A 19810408

Priority

AU PE000579 A 19790919

Abstract (en)

[origin: WO8100911A1] A colorimeter including a phototransistor (16) a light source (18) of appropriate wavelength, a red blocking filter (20) for blocking light of wavelength greater than 660 nm, the filter being interposed in the optical path between the light source and the phototransistor, and a cell or cuvette (1) adapted to receive a sample liquid to be analysed also interposed in the optical path. An air segmented continuous flow automatic chemical analysis system including phase separation apparatus which comprises a membrane filter (52) clamped between two members (50, 51) each having surface grooves (56, 57) in opposed faces thereof which constitute together with the membrane filter ducts for the passage of liquid. One duct is for the passing through of an air segmented liquid sample stream and another duct is for the passing through of an air segmented liquid recipient stream. There is also provided pumping means (70) for pumping the sample stream through the phase separation apparatus and before discharge. The invention also relates to an automatic chemical analysis module for use with the above mentioned system and heating bath for use with the system.

IPC 1-7

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IPC 8 full level

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Citation (search report)

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DOCDB simple family (application)

AU 8000066 W 19800911; AT 903180 A 19800602; AU 6393680 A 19800911; EP 80901707 A 19810408; JP 50199780 A 19800911