METHOD AND APPARATUS FOR CONDUCTING ELECTROCHEMILUMINESCENCE MEASUREMENTS

ABSTRACT

A method and apparatus (10) for conducting electrochemiluminescence (ECL) measurements which control the initial conditions relating to the surface state of a triggering working electrode (54) by reproducibly creating and maintaining a favourable surface condition so as to enhance the precision and detection limit of the measurements. Assays are performed with ECL detection in a flow-through cell (12) environment and the precision and detection limit are enhanced by alternating initialization and measurement steps.

Figure 1