[ABSTRACT OF THE DISCLOSURE]

A method of electrochemically detecting a catalytic reaction product by confining the catalytic reaction product within a first lump of liquid and by using a working electrode disposed in the first lump of liquid and a counter electrode disposed in a second lump of liquid, the catalytic reaction product being generated by progress of a catalytic reaction in the first lump of liquid, and the second lump of liquid being in contact with the first lump of liquid to form a liquid-liquid interface, the method comprising: placing a retaining structure in the liquid bath, the retaining structure allowing the first lump of liquid to permeate and being able to retain the first lump of liquid; and allowing the catalytic reaction to progress and detecting the catalytic reaction product with the first lump of liquid retained to the retaining structure.

FIGURE 1