

[ABSTRACT OF THE DISCLOSURE]

Provided is a method for electrochemically detecting a catalytic reaction product that is generated by progress of a catalytic reaction in a first lump of liquid 20 and dissolved in the first lump of liquid 20, the method
5 comprising: containing the first lump of liquid 20 and a second lump of liquid 30 in a liquid bath 10, the second lump of liquid 30 being in contact with the first lump of liquid 20 to form a liquid-liquid interface and not dissolving the catalytic reaction product; arranging a working electrode 40 in the first lump of liquid 20, and arranging a counter electrode 50 and a reference electrode 60
10 in the second lump of liquid 30; and detecting a current flowing through the working electrode 40 by an oxidation or reduction reaction of the catalytic reaction product at the working electrode 40.

FIGURE 1