

ABSTRACT

SENSOR AND METHOD FOR MANUFACTURING SAME TECHNICAL FIELD

The present invention provides a sensor comprising a working electrode including a reagent layer and a protective film, with which the characteristics can be easily controlled within the desired range, as well as a method for manufacturing this sensor. A sensor (1) comprises an insulating substrate (2) and a working electrode (10a). The working electrode (10a) comprises a conductive layer (11a) on the substrate (2), a first insulating layer (3a) disposed on the conductive layer (11a) and having a first opening (3a1) and a water-repellent surface (3a2), a second insulating layer (4a) disposed on the first insulating layer (3a) and having a second opening (4a1) and a surface (4a2) that is liquid-repellent to alcohol (4a2), a reagent layer (15a) disposed in the first opening (3a1) of the first insulating layer (3a), and a protective film (16a) disposed in the second opening (4a1) of the second insulating layer (4a).