

ABSTRACT**CATALYTIC MICROPARTICLES**

The present invention provides a method for the preparation of catalytic microparticles containing a transition metal in a form such that it has an oxidation state greater than zero, comprising the steps of:

- a) providing a microparticulate electroactive polymer with a reduced oxidation state; and
- b) contacting the polymer with an acidic solution of a transition metal compound for a time and under conditions sufficient to incorporate the transition metal, having an oxidation state greater than zero, onto the polymer. The present invention also provides catalytic microparticles comprising an electroactive polymer and a transition metal in a form such that the transition metal has an oxidation state greater than zero.