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(54) Title: BIOSENSOR

(57) Abstract: A sensor for determining the presence of an analyte in a test sample, said sensor comprising a nanoparticulate membrane comprising nanoparticles of at least one inorganic oxide of an element selected from Group IA, IIA, IIIA, IVA, IB, IIB, IIIB, IVAB, VB, VIB, VIII3 or V11113 of the Periodic Table, and wherein an oxidoreductase and an electrochemical activator are diffusibly dispersed in said nanoparticulate membrane.

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