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(54) Title: METHOD FOR ELECTROCHEMICAL PRODUCTION OF Ni(0) PHOSPHITE AND DIPHOSPHITE COMPLEXES

(57) Abstract: Method for electrochemical production of phosphite and diphosphite Ni(0) complexes in a diaphragmless electrolyzer, containing an anode and cathode, by anode dissolution of metallic nickel in an aprotic solvent with subsequent electroreduction of nickel ions on the cathode with low hydrogen overvoltage in the presence of, for example, an equimolar amount, of phosphorus ligands, using direct or alternating current. The complexes are useful as catalysts.

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