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(54) Title: METHOD FOR PRODUCING CATALYSTS CONSISTING OF METAL OF THE PLATINUM GROUP BY MEANS OF ELECTROLESS DEPOSITION AND THE USE THEREOF FOR THE DIRECT SYNTHESIS OF HYDROGEN PEROXIDE

(54) Bezeichnung: VERFAHREN ZUR HERSTELLUNG VON PLATINMETALL-KATALYSATOREN DURCH STROMLOSE ABSCHEIDUNG UND DEREN VERWENDUNG ZUR DIREKTSYNTHESE VON WASSERSTOFFPEROXID

(57) Abstract: The invention relates to a method for producing catalysts by depositing at least one metal of the platinum group on a non-porous, non-metallic carrier without using an electric current. The invention also relates to the catalysts obtained according to the inventive method, the use of said catalysts for synthesising hydrogen peroxide from the elements and for hydrogenating organic compounds, and a method for producing hydrogen peroxide using said catalysts.

(57) Zusammenfassung: Die vorliegende Erfindung betrifft ein Verfahren zur Herstellung von Katalysatoren durch stromloses Abscheiden wenigstens eines Platinmetalls auf einem nichtporösen nichtmetallischen Träger, die nach diesem Verfahren erhältlichen Katalysatoren, die Verwendung der Katalysatoren zur Synthese von Wasserstoffperoxid aus den Elementen, zur Hydrierung von organischen Verbindungen sowie ein Verfahren zur Herstellung von Wasserstoffperoxid unter Verwendung dieser Katalysatoren.

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