

Title (en)

METHOD FOR IN SITU IMMOBILIZATION OF WATER-SOLUBLE NANODISPERSED METAL OXIDE COLLOIDS

Title (de)

VERFAHREN ZUR IN-SITU-IMMOBILISIERUNG VON WASSERLÖSLICHEN NANODISPERGIERTEN METALLOXID-KOLLOIDEN

Title (fr)

PROCEDE D'IMMOBILISATION IN SITU DE COLLOIDES D'OXYDE METALLIQUE NANODISPERSES HYDROSOLUBLES

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Application

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Abstract (en)

[origin: WO03078056A1] The invention relates to heterogeneous catalysts which are particularly easy to produce. Said heterogeneous catalysts are generated by immobilizing preformed monometallic or multimetallic metal oxide particles in situ on an oxidic or non-oxidic carrier, wherefore metal oxide colloids which are stabilized by hydroxide ions and immobilized on carriers contained in the suspension are generated from conventional, water-soluble metal salts by means of hydrolysis and condensation. The inventive method makes it possible to produce fuel cell catalysts, for example.

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IPC 8 full level

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Citation (search report)

See references of WO 03078056A1

Citation (examination)

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