

Title (en)

A PROCESS FOR THE PRODUCTION OF HYDROGEN, THE SEQUESTRATION OF CARBON DIOXIDE AND THE PRODUCTION OF BUILDING MATERIALS STARTING FROM SLAGS AND/OR INDUSTRIAL ASHES

Title (de)

VERFAHREN ZUR ERZEUGUNG VON WASSERSTOFF, SEQUESTRIERUNG VON KOHLENSTOFFDIOXID UND HERSTELLUNG VON BAUSTOFFEN AUF DER BASIS VON SCHLACKEN UND/ODER INDUSTRIEASCHE

Title (fr)

PROCÉDÉ POUR LA PRODUCTION D'HYDROGÈNE, LA SÉQUESTRATION DE DIOXYDE DE CARBONE ET LA PRODUCTION DE MATÉRIAUX DE CONSTRUCTION À PARTIR DE LAITIERS ET/OU DE CENDRES INDUSTRIELLES

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Application

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Abstract (en)

[origin: WO2011145080A1] The present invention refers to a process for the production of hydrogen and the contemporaneous sequestration of carbon dioxide starting from slags and/or industrial ashes. In particular, said process allows to produce a gas substantially composed of hydrogen and, at the same time, allows to prepare materials having the characteristics of being avid carbon dioxide sequestrators and of being advantageously usable as inert materials for preparing hydraulic mixtures with lime and/or cement.

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