

Title (en)

DEVICE AND METHOD FOR REMOVING CARBON DIOXIDE FROM A GASEOUS STREAM CONTAINING HYDROGEN

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ENTFERNUNG VON KOHLENMONOXID AUS EINEM WASSERSTOFFHALTIGEN GASSTROM

Title (fr)

PROCEDE ET DISPOSITIF POUR EXTRAIRE DU MONOXYDE DE CARBONE D'UN FLUX GAZEUX CONTENANT DE L'HYDROGENE

Publication

**EP 1838612 A1 20071003 (DE)**

Application

**EP 06704259 A 20060109**

Priority

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Abstract (en)

[origin: WO2006074988A1] The invention relates to a method for removing carbon dioxide from a gaseous stream containing hydrogen by reacting the carbon dioxide with hydrogen to form methane and water in the presence of a heterogeneous catalyst. The catalyst is in the form of a thin-film catalyst on a support material. The invention also relates to a device for carrying out the method.

IPC 8 full level

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CPC (source: EP US)

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