

Title (en)

PRODUCTION OF HYDROGEN FROM HEAVY HYDROCARBONS

Title (de)

ERZEUGUNG VON WASSERSTOFF AUS SCHWEREN KOHLENWASSERSTOFFEN

Title (fr)

PRODUCTION D'HYDROGÈNE À PARTIR D'HYDROCARBURES LOURDS

Publication

**EP 2173479 A1 20100414 (DE)**

Application

**EP 08786722 A 20080731**

Priority

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Abstract (en)

[origin: WO2009016245A1] The invention relates to a method and device for producing hydrogen from heavy hydrocarbons (>C8) by catalytic partial dehydrogenation by means of a catalyst that contains at least one noble metal (2, 3). The invention is characterized in that the catalyst additionally contains one or more of the substances (4, 5, 6): Ni, Ce, Sn, Zr, Ti, which protect the catalyst from being poisoned by the sulfur contained in the hydrocarbons.

IPC 8 full level

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Citation (search report)

See references of WO 2009016245A1

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