

Title (en)

METHOD FOR STEAM REFORMING HYDROCARBONS USING A SULFUR-TOLERANT CATALYST

Title (de)

VERFAHREN ZUM DAMPFREFORMIEREN VON KOHLENWASSERSTOFFEN UNTER VERWENDUNG EINES SCHWEFELTOLERANTEN KATALYSATORS

Title (fr)

PROCEDE POUR LE REFORMAGE A LA VAPEUR D'HYDROCARBURES A L'AIDE D'UN CATALYSEUR TOLERANT LE SOUFFRE

Publication

EP 1353874 A4 20090729 (EN)

Application

EP 01901674 A 20010102

Priority

US 0100081 W 20010102

Abstract (en)

[origin: WO02053492A1] A process and apparatus for steam reforming of hydrocarbons, using a sulfur-tolerant catalyst comprising an active phase and a support phase, and optionally a promoter, which provides substantially complete conversion of the hydrocarbon to a mixture of hydrogen, carbon monoxide, and carbon dioxide. The process comprises introducing steam and a hydrocarbon feed containing at least about 2 ppm sulfur species into the apparatus, and reacting said steam and hydrocarbon feed in the catalyst bed.

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C01B 3/26

IPC 8 full level

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Citation (search report)

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- [A] GB 1422327 A 19760128
- [A] US 4755498 A 19880705 - SETZER HERBERT J [US], et al
- See references of WO 02053492A1

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