

Title (en)

REACTOR AND METHOD FOR GASEOUS PHASE ENDOTHERMAL REACTION ON A SOLID CATALYST

Title (de)

REAKTOR UND VERFAHREN FÜR EINE ENDOTHERMALE GASPHASENREAKTION AUF EINEM FESTSTOFFKATALYSATOR

Title (fr)

REACTEUR ET PROCEDE POUR LES REACTIONS ENDOTHERMIQUES EN PHASE GAZEUSE SUR CATALYSEUR SOLIDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009101280A1] The invention relates to a reactor for the catalytic reforming or the dehydrogenation of hydrocarbons, having a cylindrical shape along a vertical axis, an upper bottom and a lower bottom including at least two annular areas centred on the vertical axis, said two annular areas consisting of a so-called catalytic area (202) and a so-called exchange area (204). Sealed vertical panels (65) divide the reactor into sectors, said sectors each including at least one exchange section and at least one catalytic section, all exchange sections defining the exchange area and all catalytic sections defining the catalytic area. The invention also relates to a method that uses the reactor of the invention.

IPC 8 full level

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Citation (search report)

See references of WO 2009101280A1

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