

Title (en)  
CHEMICAL REACTOR FEATURING HEAT EXTRACTION

Title (de)  
CHEMISCHER REAKTOR MIT WÄRMEAUSKOPPLUNG

Title (fr)  
RÉACTEUR CHIMIQUE À PRÉLÈVEMENT DE CHALEUR

Publication  
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Application  
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Abstract (en)  
[origin: WO2011054698A1] The invention relates to a chemical reactor (2) of a technical plant, in particular a power plant system, comprising a gas-tight wall forming a gas channel (5), wherein heat exchanger surfaces that are permeable with a first fluid and at least partially comprise a catalytically active surface are located in the gas channel (5). The invention further relates to a method for converting CO using such a reactor.

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