

Title (en)  
METHOD AND INSTALLATION FOR THE PRODUCTION OF HYDROCARBONS

Title (de)  
VERFAHREN UND ANLAGE ZUR HERSTELLUNG VON KOHLENWASSERSTOFFEN

Title (fr)  
PROCÉDÉ ET INSTALLATION POUR LA PRODUCTION D'HYDROCARBURES

Publication  
**EP 2190953 A2 20100602 (DE)**

Application  
**EP 08801891 A 20080906**

Priority  
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• DE 102007045238 A 20070921

Abstract (en)  
[origin: WO2009039948A2] During the production of hydrocarbons, especially C2-C4 olefins, by means of a combined installation comprising a steam cracker and at least one reactor for reacting a feedstock mixture containing steam and at least one oxygenate, the respective intermediate flows of the steam cracker and the reactor are combined at least in part. In order to increase the yield of valuable products, a shape-selective zeolite material is used as a catalyst for reacting the oxygenate in the reactor, and at least part of the product flows obtained after penetrating the combined installation are recirculated to the steam cracker and/or the reactor.

IPC 8 full level  
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