

Title (en)

METHOD FOR CONVERTING EQUILIBRIUM-LIMITED REACTIONS

Title (de)

VERFAHREN ZUR UMSETZUNG VON GLEICHGEWICHTSLIMITIERTEN REAKTIONEN

Title (fr)

PROCÉDÉ DE RÉALISATION DE RÉACTIONS LIMITÉES À UN ÉQUILIBRE

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Application

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Abstract (en)

[origin: WO2017029024A1] The invention relates to a method for converting equilibrium-limited reactions, the method comprising the following steps: arranging a catalyst material in a reactor; introducing educts into the reactor; reacting the educts to products until an equilibrium state has been reached; introducing of a sorbent into the reactor; sorption of the products by means of the sorbent. The method is characterized in that the product-loaded sorbent is collected in a collection zone in the reactor, and that the catalyst material is arranged in the reactor such that the catalyst material is separated from the collection zone.

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