

Title (en)

REACTOR AND METHOD FOR IMPLEMENTATION OF EQUILIBRIUM-LIMITED REACTIONS

Title (de)

REAKTOR UND VERFAHREN ZUR UMSETZUNG VON GLEICHGEWICHTSLIMITIERTEN REAKTIONEN

Title (fr)

RÉACTEUR ET PROCÉDÉ POUR CONVERTIR DES RÉACTIONS LIMITÉES PAR L'ÉQUILIBRE RÉACTIONNEL

Publication

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Application

EP 17733986 A 20170609

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Abstract (en)

[origin: WO2017212016A1] The invention relates to a reactor for implementation of equilibrium-limited reactions, comprising a reaction chamber (4) with a reactant supply device (6), an outlet device (8) for reaction products (10) and a device for containing catalyst material (14) and a stirring device (16), characterized in that the stirring device (16) comprises a hollow shaft (18) at one end of which there is provided a gas inlet opening (20), and in that a first stirring paddle (22) with gas outlet openings (24) is provided on the hollow shaft (18), and furthermore a second stirring paddle (26) is arranged on the hollow shaft (18) in the region of the device (12) for containing the catalyst material (14).

IPC 8 full level

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