

126 FEB 2003

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 March 2002 (07.03.2002)

(10) International Publication Number
WO 02/18042 A1

PCT

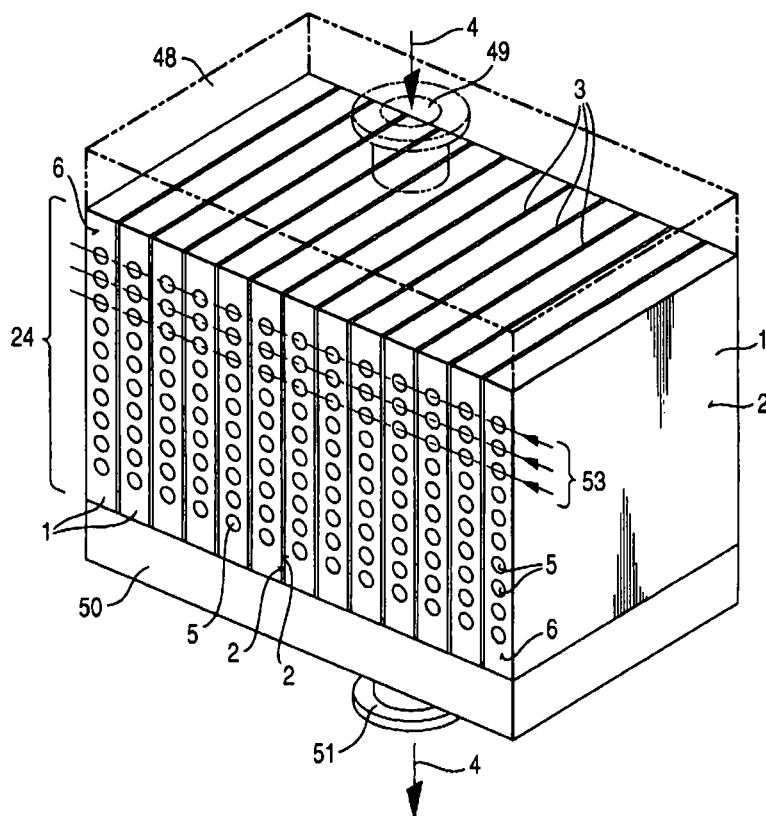
- (51) International Patent Classification⁷:** **B01J 19/24**,
19/00, 8/02, 8/00, 3/04, C01B 15/029, C07C 45/35, 47/22,
51/25, 57/04, C07D 301/12
- (21) International Application Number:** PCT/EP01/08937
- (22) International Filing Date:** 2 August 2001 (02.08.2001)
- (25) Filing Language:** English
- (26) Publication Language:** English
- (30) Priority Data:**
100 42 746.4 31 August 2000 (31.08.2000) DE
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- (81) Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,

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(54) Title: PROCESS AND DEVICE FOR CARRYING OUT REACTIONS IN A REACTOR WITH SLOT-SHAPED REACTION SPACES



(57) Abstract: Reactions between at least two fluid reactants are performed in a reactor comprising wall elements (1), slot-shaped reaction spaces (3) and cavities (5) for conducting a fluid heat-carrier through. Depending on the process and throughput, a modular structural design is chosen wherein an arbitrary number of wall elements (1) are assembled to a right-parallelipipedal block (24), the reaction spaces (3) are formed between lateral surfaces (2) of right-parallelipipedal wall elements (1), the reactants are introduced into the reaction spaces (3) from edge regions of one side of the block (24) and are conducted through the reaction spaces (3) in parallel flows and the fluid heat-carrier is conducted through the tubular cavities (5) extending in the interior of the wall elements (1).



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ACTION

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IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

--- with international search report

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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