

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 October 2001 (04.10.2001)

PCT

(10) International Publication Number
WO 01/72632 A3

(51) International Patent Classification⁷: **C01B 3/38**,
H01M 8/06

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(21) International Application Number: PCT/US01/10007

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(22) International Filing Date: 28 March 2001 (28.03.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/538,424 29 March 2000 (29.03.2000) US

(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, 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, US, UZ, VN, YU, ZA, ZW.

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

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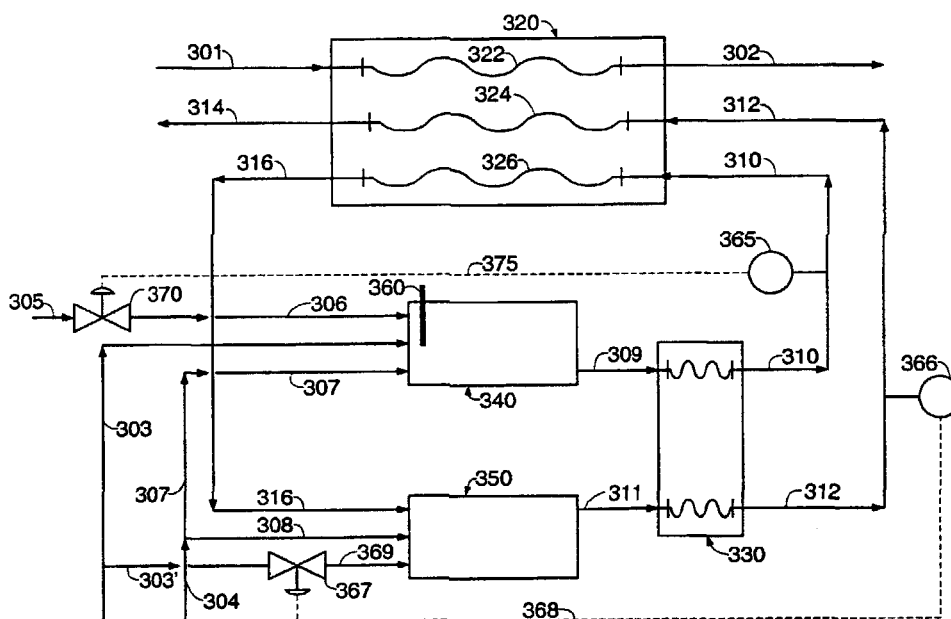
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Published:

— with international search report

[Continued on next page]

(54) Title: MULTI-STAGE COMBUSTION FOR FUEL PROCESSING FOR USE WITH FUEL CELL



(57) Abstract: The present invention relates to an improvement of integrated fuel processor and fuel cell systems which improves stability of operation, simplifies control, and improves the heat recovery. According to the invention, a reforming zone is heated by indirect heat exchange with a first combustion effluent stream and provides a cooled first combustion effluent stream. The cooled combustion effluent stream is reheated in at least an additional combustion zone with at least a portion of the anode waste gas from the fuel cell to provide a reheated combustion effluent stream. The reheated combustion effluent stream is employed to further heat the reforming zone.



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(88) Date of publication of the international search report:
7 March 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.