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- (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,

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- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

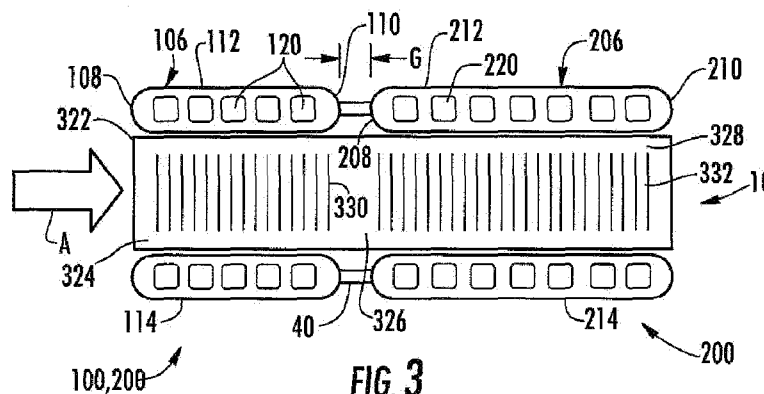
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

- (88) **Date of publication of the international search report:**
24 October 2013

(54) **Title:** MULTIPLE TUBE BANK HEAT EXCHANGER ASSEMBLY AND FABRICATION METHOD



(57) **Abstract:** A multiple tube flattened heat exchange tube assembly includes a first flattened tube segment, a second flattened tube segment and a web member interconnecting the trailing edge of the first flattened tube segment and the leading edge of the second flattened tube segment. The web member may be provided with one or more retained water drainage openings. A multiple slab flattened tube heat exchanger is provided that includes a plurality of the multiple tube flattened heat exchange tube assemblies disposed in spaced parallel relationship. A method for fabricating a flattened tube finned heat exchanger having a first heat exchanger slab and a second heat exchanger slab is also disclosed.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2013/023533A. CLASSIFICATION OF SUBJECT MATTER
INV. F28D1/04 F28F17/00
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F28F F28D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 50 213 A1 (ERBSLOEH ALUMINIUM GMBH [DE]) 8 May 2003 (2003-05-08) figure 4	1-20
X	EP 1 840 494 A2 (ERBSLOEH ALUMINIUM GMBH [DE]) 3 October 2007 (2007-10-03) figures	1,2



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"&" document member of the same patent family

Date of the actual completion of the international search

30 August 2013

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 10150213	A1	08-05-2003	NONE

EP 1840494	A2	03-10-2007	NONE
