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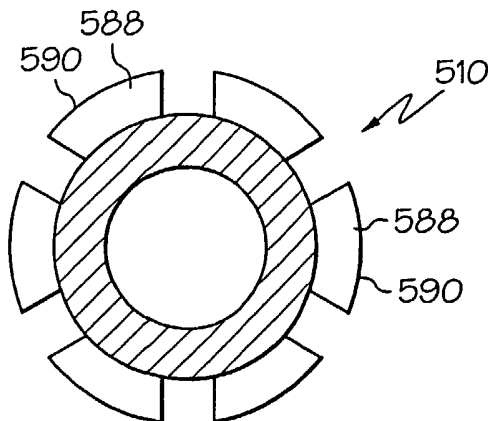
- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
6 May 2004

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.

(54) Title: METHOD FOR METALLURGICALLY JOINING A TUBE TO A MEMBER

(57) Abstract: A method for metallurgically joining a tube (510) to a member (570). A tube (510) having a segmented (590) flange (514).



INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24035

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B23K 9/00

US CL : 219/59.1, 60R, 61

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)

U.S. : 219/59.1, 60R, 61

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)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0008387A1 (VASUDEVA) 24 January 2002, entire document.	1-20
A,E	US 6,689,981 B1 (ANANTHANARAYANAN et al) 10 February 2004, entire document.	1-20
A,E	US 6,693,251 B1 (ANANTHANARAYANAN et al) 17 February 2004, entire document.	1-20
Y	US 4,269,106 A (LEIBHARD et al) 26 May 1981, entire document.	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

PCT/US03/24035

Continuation of B. FIELDS SEARCHED Item 3:

EAST

search terms: resistance, weld, braze, tube, pipe, flange, fold