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(71) Applicant: **Pfau dler Werke GmbH**
68723 Schwetzingen (DE)

(72) Inventors:

- **Artusi, Gianni**
30027 San Dona Di Piave (IT)
- **Barison, Nicola**
30033 Noale (IT)

(74) Representative: **Popp, Eugen et al**
Meissner, Bolte & Partner GbR
Postfach 86 06 24
81633 München (DE)

(54) **A heat exchanger with a silicon carbide set of tubes and tube plates in enamelled steel**

(57) A heat exchanger comprising a set of tubes (11) consisting of silicon carbide (SiC) tubes mounted between two tube plates (12,21) in enamelled steel by

means of a pressure seal system (22-24) along which the tube (11) may slide to compensate for thermal expansions.

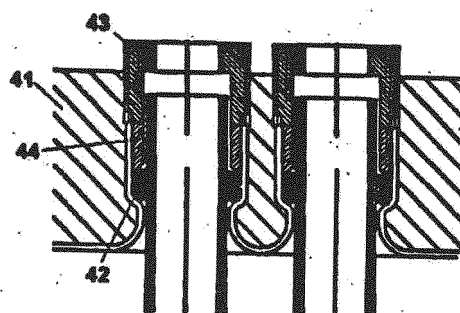


Fig. 4



EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims				
Place of search The Hague		Date of completion of the search 20 January 2014	Examiner Van Dooren, Marc	
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document				

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