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(54) **Apparatus for quick production of a hot liquid**

(57) Apparatus for quick production of a hot liquid in particular high pressure and temperature water, provided with a premixed modulating gas burner and with a low temperature exchanger, adapted to preheat a water flow, which completely surrounds the combustion chamber by means of an annular chamber, a connection chamber and a bottom chamber, and a high temperature tubular exchanger supplied with preheated water coming from the low temperature exchanger through at least one connection circuit provided with a first three-way valve susceptible to communicate the low temperature exchanger with the high temperature exchanger selectively by means of a low pressure pump or by means of a high pressure pump.

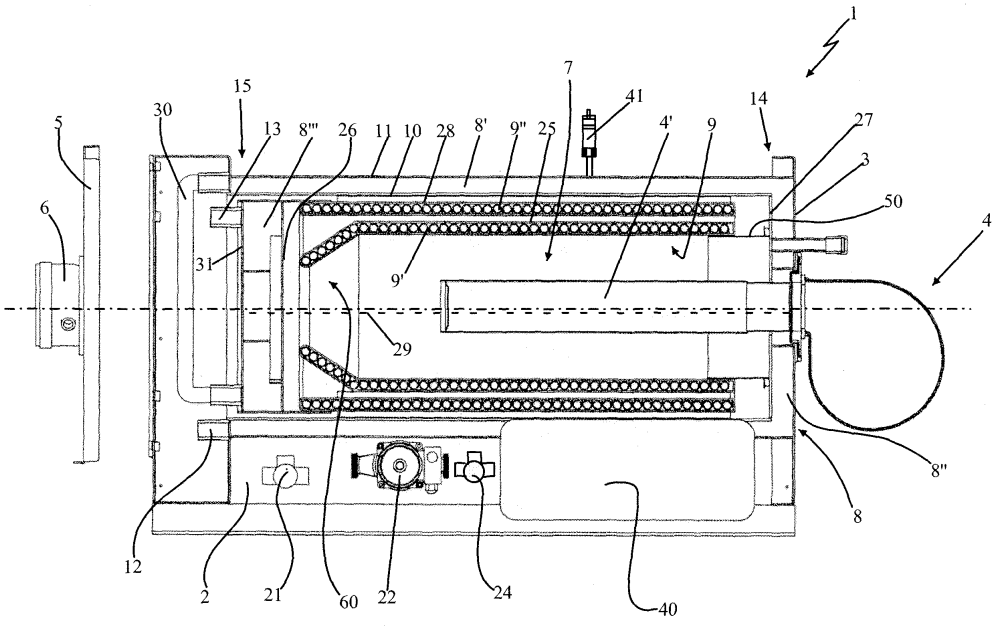


Fig. 2'

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EUROPEAN SEARCH REPORT

Application Number
EP 09 15 0883

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 027 055 A1 (STELRAD GROUP LTD [GB]) 15 April 1981 (1981-04-15) * paragraph [0025] - paragraph [0028]; figures 1,2 * * paragraph [0024] * * paragraph [0026] - paragraph [0028] *	1	INV. F24H1/16 F24H1/44
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A	CH 84 212 A (MUELLER JOSEF [DE]) 16 February 1920 (1920-02-16) * the whole document *	1	
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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	2 December 2011	Arndt, Markus

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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