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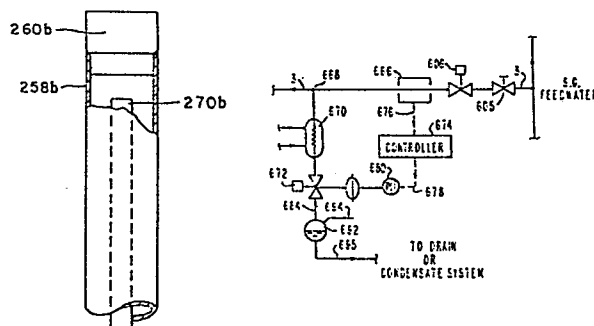
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54 **Model steam generator having means to facilitate inspection of sample tubes.**

57 An electrically powered model steam generator for simulating the environment inside a nuclear steam generator in order to monitor the condition of the heat exchange tubes of the nuclear steam generator is disclosed herein. An electrically-powered thermosyphon heating means circulates a flow of vapor and condensate through the sample tube in a closed loop.

Also disclosed is a model generator having detachable clamp means to detach a sample tube from the secondary side of the boiler vessel. The model generator may have an improved feedwater system giving the operator different choices regarding types of feedwater connections.





European Patent
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EUROPEAN SEARCH REPORT

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Application number

EP 85 10 8854

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	US-A-3 552 189 (COURVOISIER) * Column 1, lines 31-34; column 2, line 60 - column 4, line 8; figures *	1,2,4, 11,12, 16,19	F 22 B 35/00 F 22 B 37/56
A	FR-A- 914 889 (DELAS) * Page 2, lines 10-55; figures *	4,5,7, 13,17	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			F 22 B F 01 K G 21 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-08-1986	Examiner VAN GHEEL J.U.M.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			