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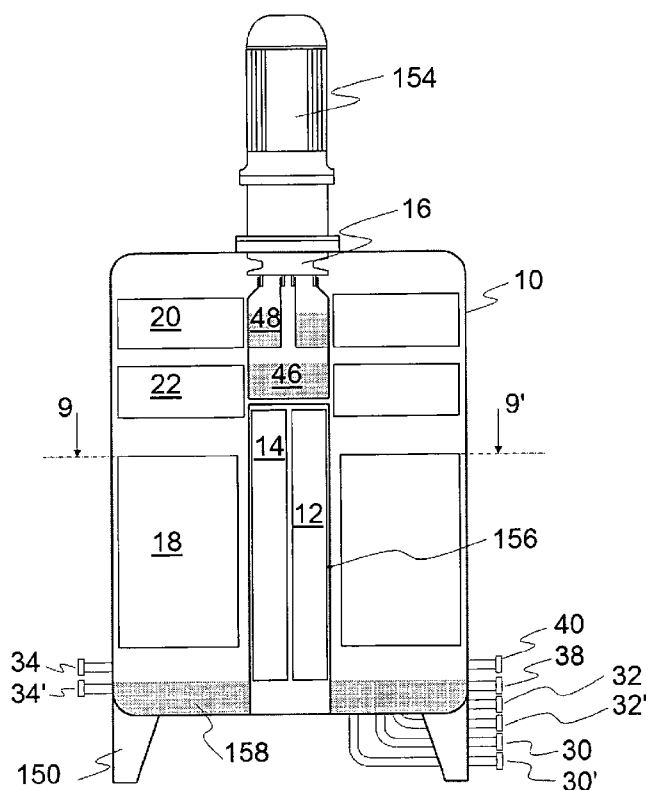
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[Continued on next page]

(54) Title: DEVICE FOR POWER GENERATION ACCORDING TO A RANKINE CYCLE

**FIG. 9**

(57) Abstract: A device for power generation according to a Rankine cycle, in particular according to an organic Rankine cycle (ORC), comprises a turbine (16), for expanding a vapour of a working fluid, and at least one heat exchanger (18, 20, 22), through which the expanded vapour has to flow. The turbine (16) and the heat exchanger(s) (18, 20, 22) are contained in a vapour tight container (10). The turbine (16) is a radial-outward-flow type turbine having a shaft that is led in a sealed manner out of said container (10), an axial vapour inlet port arranged opposite the shaft and located inside the container (10), and a stator exhaust ring with stator exhaust blades defining peripheral vapour exhaust openings for discharging the expanded vapour directly into the vapour tight container (10), in which the expanded vapour flows through the heat exchanger(s) (18, 20, 22).



MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
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A. CLASSIFICATION OF SUBJECT MATTER INV. F01K25/10 F01K13/00 F01K11/02 F01D1/06 F01K3/04 F01D1/32 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) F01K F01D F28B 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 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Category*</th> <th style="width: 70%;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="width: 20%;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;">Y A</td> <td> US 5 219 270 A (TITMAS JAMES A [US]) 15 June 1993 (1993-06-15) column 2, line 58 - column 7, line 46; figures 1-5 ----- </td> <td style="vertical-align: top;">1-7,10, 15 8,9, 11-14</td> </tr> <tr> <td style="vertical-align: top;">Y</td> <td> WO 2011/145969 A1 (PAVLOV ALEKSANDR ALEKSEEVICH [RU]) 24 November 2011 (2011-11-24) figures 1-5 ----- </td> <td style="vertical-align: top;">1-7,10, 15</td> </tr> <tr> <td style="vertical-align: top;">Y,P</td> <td> WO 2012/047116 A2 (LUND TOLLEF [NO]) 12 April 2012 (2012-04-12) figure 1 ----- </td> <td style="vertical-align: top;">2-6</td> </tr> <tr> <td style="vertical-align: top;">A</td> <td> US 4 059 961 A (DE LA PARRA M RODOLFO) 29 November 1977 (1977-11-29) figure 1 ----- </td> <td style="vertical-align: top;">1</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y A	US 5 219 270 A (TITMAS JAMES A [US]) 15 June 1993 (1993-06-15) column 2, line 58 - column 7, line 46; figures 1-5 -----	1-7,10, 15 8,9, 11-14	Y	WO 2011/145969 A1 (PAVLOV ALEKSANDR ALEKSEEVICH [RU]) 24 November 2011 (2011-11-24) figures 1-5 -----	1-7,10, 15	Y,P	WO 2012/047116 A2 (LUND TOLLEF [NO]) 12 April 2012 (2012-04-12) figure 1 -----	2-6	A	US 4 059 961 A (DE LA PARRA M RODOLFO) 29 November 1977 (1977-11-29) figure 1 -----	1
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016		Authorized officer Lepers, Joachim															

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5219270	A	15-06-1993	NONE

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