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**EUROPEAN PATENT APPLICATION**

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⑤① Int. Cl.<sup>3</sup>: **F 23 K 5/00, C 10 G 33/06**

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③① Priority: **11.07.80 US 167668**

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⑧④ Designated Contracting States: **BE DE FR GB IT NL SE**

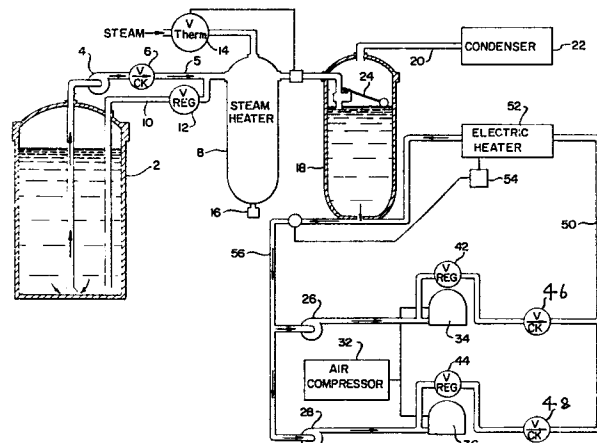
⑧⑧ Date of deferred publication of search  
report: **11.08.82 Bulletin 82/32**

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⑤④ **Oil delivery system.**

⑤⑦ Control apparatus (8, 14) heats the heavy oil solution under pressure until it is preheated above the saturation temperature of water.

A de-watering tank (18) is connected to the control apparatus (8, 14) and receives the preheated heavy oil solution. The tank (18) is maintained at a pressure sufficient to permit any liquid water contained in the heavy oil solution to vaporize and thus be removed from the heavy oil. A low pressure pump (26, 28) delivers the de-watered heavy oil from the tank (18) to a combustion apparatus such a marine power generator or oil burner (34, 36).





European Patent  
Office

# EUROPEAN SEARCH REPORT

0044198

Application number

EP 81 30 3145

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	<p>GB - A - 475 663 (R.C. SULLIVAN)</p> <p>* Figures 1,2; page 1, lines 18-67; lines 76-84, line 91 - page 2, line 38 *</p> <p>--</p>	1,4-6, 8	F 23 K 5/00 C 10 G 33/06
X	<p>GB - A - 1 140 501 (MANTON-GAULIN MANUFACTURING CO INC)</p> <p>* Figures 1,2; page 1, lines 12-25, lines 70-83; page 2, line 126 - page 3, line 92; page 3, lines 119-129; page 4, lines 88-118; page 5, lines 4-10 *</p> <p>--</p>	1,5,6, 8	TECHNICAL FIELDS SEARCHED (Int.Cl. <sup>3</sup> )
A	<p>GB - A - 911 297 (DOWTY FUEL SYSTEMS LTD)</p> <p>* Page 1, lines 9-16 *</p> <p>--</p>	2	C 10 G F 23 G F 23 K
A	<p>FR - A - 999 486 (CO. RÉUNIES DES GLACES ETC)</p> <p>* Page 1, left-hand column, lines 1-10; page 1, left-hand column, line 27 = right-hand column, line 14 *</p> <p>=====</p>	5	CATEGORY OF CITED DOCUMENTS
			<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 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</p>
X	The present search report has been drawn up for all claims		&: member of the same patent family, corresponding document
Place of search The Hague		Date of completion of the search 26-04-1982	Examiner DIJKSTRA