

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 916 575 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
01.08.2001 Bulletin 2001/31

(51) Int Cl.7: **B63J 2/04**, B63J 2/02
// F24F11/00

(43) Date of publication A2:
19.05.1999 Bulletin 1999/20

(21) Application number: **98660117.7**

(22) Date of filing: **06.11.1998**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventors:
• **Vainio, Jari**
33100 Tampere (FI)
• **Nousiainen, Esko**
33100 Tampere (FI)

(30) Priority: **13.11.1997 FI 974220**

(74) Representative: **Pelin, Torolf**
Berggren Oy Ab,
P.O. Box 16
00101 Helsinki (FI)

(71) Applicant: **Koja Marine**
33101 Tampere (FI)

(54) Air conditioning system for ships

(57) An air-conditioning system for ships which is chiefly intended for the air-conditioning of ship cabins consists of an air-conditioning unit (1) comprising one or more zone radiators (2) from where supply air is con-

ducted through supply air ducts (3) to the cabins (4). Each cabin (4) has an individual air quantity regulator and a cooling coil (6) for controlling and cooling the supply air flow rate.

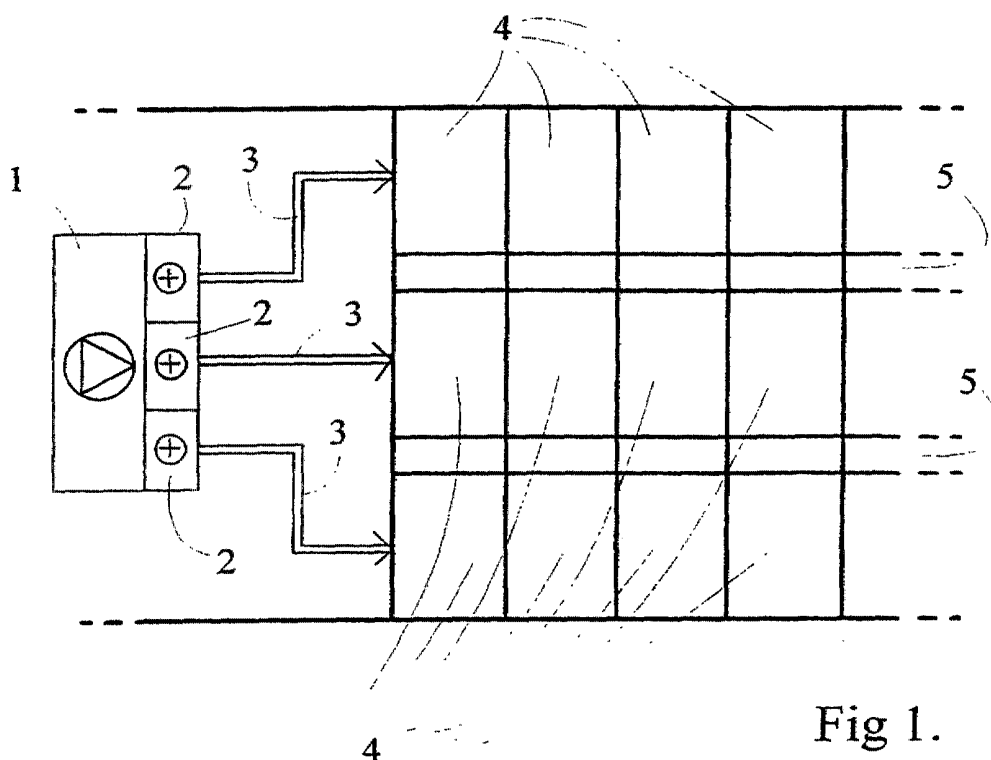


Fig 1.

EP 0 916 575 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 66 0117

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.6)
A	DE 43 13 581 A (HOCHHAUS KARL HEINZ DR ING) 27 October 1994 (1994-10-27) * abstract; figures * ----	1-5	B63J2/04 B63J2/02 //F24F11/00
A	DE 32 23 050 A (GRUENZWEIG & HARTMANN MONTAGE) 22 December 1983 (1983-12-22) * abstract; claim 1; figures * -----	1-5	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B63J
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 1 June 2001	Examiner Moya, E
<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>			

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 66 0117

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

01-06-2001

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4313581	A	27-10-1994	NONE	
DE 3223050	A	22-12-1983	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82