



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
15.06.2005 Bulletin 2005/24

(51) Int Cl.7: **F04B 49/06, F04B 41/02**

(43) Date of publication A2:
17.11.2004 Bulletin 2004/47

(21) Application number: **04011356.5**

(22) Date of filing: **13.05.2004**

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

(72) Inventor: **Sato, Kazuaki,**
c/o Anest Iwata Corporation
Yokohama-shi, Kanagawa (JP)

(74) Representative: **Dylmer, Henrik et al**
Chas. Hude A/S
H.C. Andersens Boulevard 33
1780 Copenhagen V (DK)

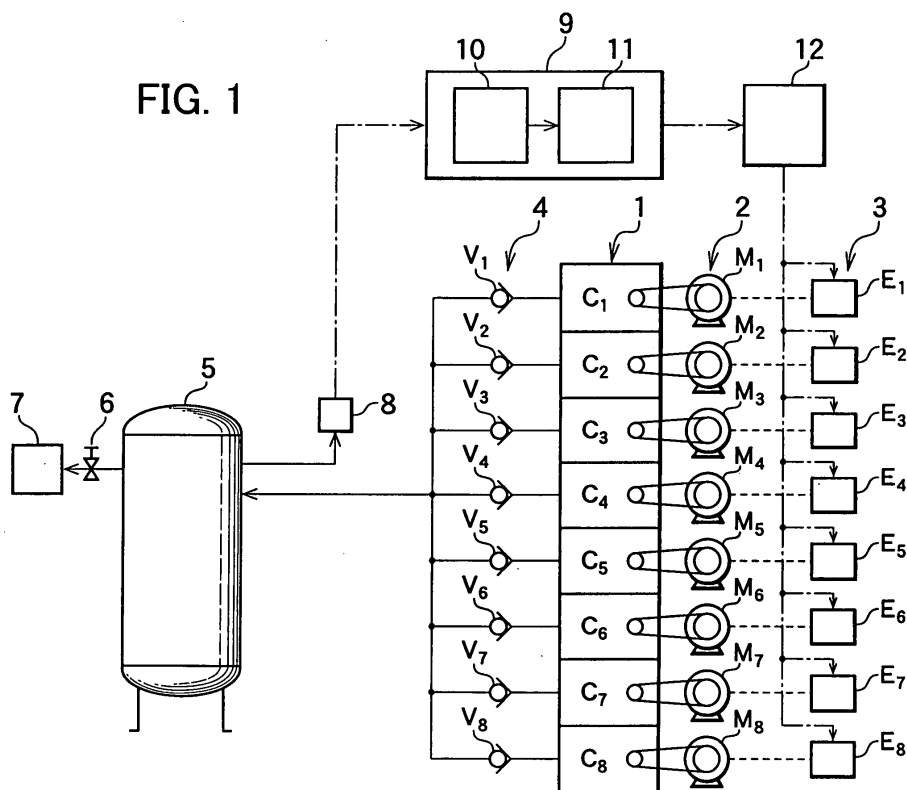
(30) Priority: **15.05.2003 JP 2003137434**

(71) Applicant: **ANEST IWATA CORPORATION**
Yokohama-shi, Kanagawa-ken (JP)

(54) **Method of controlling a plurality of compressors**

(57) Compressed gases are gathered from a plurality of compressors and employed if required. A pressure of compressed gas thus gathered is measured by a pressure sensor to generate a pressure signal, which is

transmitted to a control. The signal is transmitted from the control to electromagnetic switches to control motors for the compressors to determine which of the compressors run.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 01 1356

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.7)
X	US 6 266 952 B1 (CHOROSZYLOW EWAN ET AL) 31 July 2001 (2001-07-31) * abstract; compounds 21-23 * * column 13, line 45 - column 13, line 50 * * column 15, line 3 - column 15, line 18 * -----	1-8	F04B49/06 F04B41/02
A	US 6 419 454 B1 (CHRISTIANSEN LEO P) 16 July 2002 (2002-07-16) * abstract; claims; figures 1,2 * -----	1-8	
A	DE 28 50 589 A1 (HAMADEH, ABDALLAH; EBERT, FRANK; FABIAN, HANS; HAMADEH, ABDALLAH; EBERT,) 4 June 1980 (1980-06-04) * claims; figures 1,2 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F04B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 April 2005	Examiner Pinna, S
<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>			

1
EPO FORM 1503 03.82 (P04001)

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

EP 04 01 1356

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.

22-04-2005

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6266952	B1	31-07-2001	US 6499301 B1 31-12-2002
			US 6301898 B1 16-10-2001
			US 6676385 B1 13-01-2004
			US 6672065 B1 06-01-2004
			US 6494043 B1 17-12-2002
			US 2004179957 A1 16-09-2004
			US 6571561 B1 03-06-2003
			US 6484504 B1 26-11-2002
			US 6688857 B1 10-02-2004
			CA 2317367 A1 15-03-2001
US 6419454	B1	16-07-2002	NONE
DE 2850589	A1	04-06-1980	NONE