

12

EUROPEAN PATENT APPLICATION

21 Application number: **88119793.3**

51 Int. Cl.4: **F04C 29/10**

22 Date of filing: **28.11.88**

30 Priority: **15.12.87 IT 2300987**

43 Date of publication of application:
21.06.89 Bulletin 89/25

54 Designated Contracting States:
AT BE CH DE ES FR GB GR LI LU NL SE

68 Date of deferred publication of the search report:
10.01.90 Bulletin 90/02

71 Applicant: **ING. ENEA MATTEI S.p.A.**
Strada Padana Superiore No 307
I-20090 Vimodrone Milano(IT)

72 Inventor: **Boldrini, Adolfo**
Via Tullo Morgagni no.8
I-20100 Milano(IT)

74 Representative: **Petruzzelli, Antonio**
Via E. De Amicis No. 25
I-20123 Milano(IT)

54 **Control apparatus for rotary air compressors.**

57 A control apparatus for an oil-sealed rotary air compressor. The control cylinder (21) for the intake valve (18) of the compressor (10) can be connected to the oil chamber (12) through a first oil path (23, 28) comprising a servovalve (24) operated by the pressurized oil, and also through a branched-off path (32) comprising an idling valve (25) for switching the compressor into the idling working condition, which is held closed by the same pressure of the oil in the compressor (10), said idling valve (25) comprising fluid operated control means (38) connected to the oil separator (13) through a solenoid valve (40) controlled by a pressure switch (42) which senses the pressure of the air delivered by the compressor.

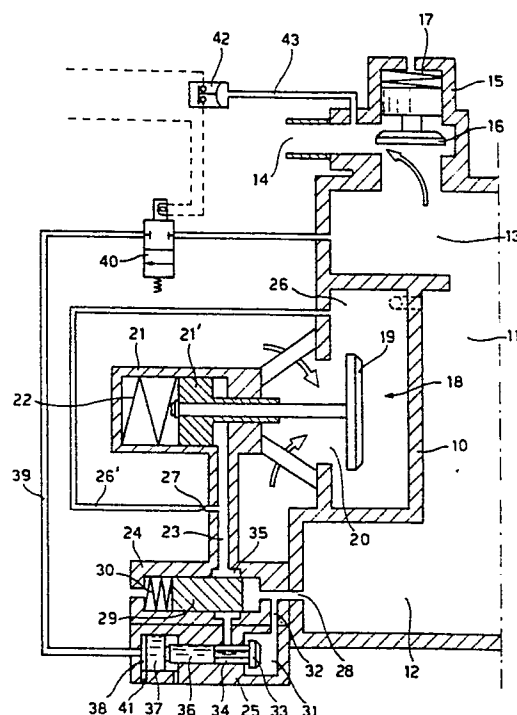


Fig. 1



EP 88 11 9793

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	GB-A-1486941 (HYDROVANE COMPRESSOR CO.) * page 1, line 66 - page 2, line 74; figures * ---	1, 6	F04C29/10
A	FR-A-2392258 (HYDROVANE COMPRESSOR CO.) * page 3, lines 11 - 30; figure 1 * * page 2, line 16 - page 3, line 28; figure 2 * * page 6, lines 6 - 29 * ---	1, 3, 4	
A	DE-A-2516582 (HYDROVANE COMPRESSOR CO.) * pages 2 - 4; figures * ---	1	
A	US-A-2722395 (BOYCE) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F04C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 NOVEMBER 1989	Examiner KAPOULAS T.
CATEGORY OF CITED DOCUMENTS 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 & : member of the same patent family, corresponding document			