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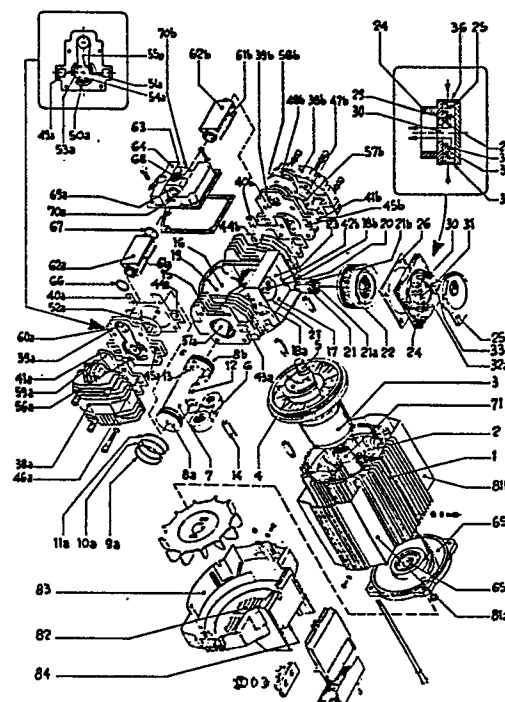
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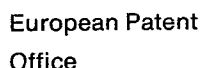
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54 **Air compressor with opposed compression chambers.**

57 An air compressor includes: an engine provided with a shaft (71); a case (1) for the said engine; a basement (15) provided with two opposite cylinders (37a, 37b), to which two heads (38a, 38b) are made integral; a piston (7) moving inside said cylinders under the effect of a connection rod (6) and a crank (7), driven by the said shaft (71); a suction chamber (47a, 47b), for intaking air into each head (38a, 38b); a path for intaken air, connecting each chamber (47a, 47b), to a cavity (16), where an air filter (22) is accommodated, and opening into atmosphere through silencers; an element (21) connecting the said basement (15) to the said cavity (16); a compression chamber (47a, 47b) for air, located inside each head (38a, 38b); a path for air compressed by the said compression chambers (47a, 47b) to one user; a fan (80) for delivering cooling air to the compressor through two pipes (81a, 81b); supporting elements (88a, 88b) for the said compressor and the said engine.





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EP 84 83 0064

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. 3)
A	DE-A-1 948 081 (WITTIG)  * Figures 1,2; page 2, paragraph 5 - page 3, paragraph 2 *	1-4,7,10	F 04 B 27/02 F 04 B 39/02
A	FR-A-2 470 874 (ABG SEMCA) * Figures 1-3; page 6, line 1 - page 9, line 31 *	1-4,9	
A	DE-C- 971 682 (FICHTEL & SACHS) * Figures 1,2; page 2, lines 64-116 *	1,9,10	
A	GB-A- 408 514 (PIERPONT) * Figures 1,2; page 1, line 59 - page 2, line 86 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
A	DE-C- 719 387 (IRMER) * Figure 1; page 1, line 11 - page 2, line 31 *	1,8	F 04 B
A	GB-A- 913 030 (CLAUSEN) * Figures 1,2; page 1, line 90 - page 2, line 33 *	1,8	
A	GB-A- 392 799 (WESTINGHOUSE) * Figure 1; page 2, lines 72-80 *	1,5	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25-04-1985	Examiner VON ARX H.P.
CATEGORY OF CITED DOCUMENTS		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	
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DOCUMENTS CONSIDERED TO BE RELEVANT			Page 2
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
A	EP-A-0 014 085 (GLYNWED) * Figures 4,5; page 5, line 26 - page 6, line 3; page 6, line 33 - page 7, line 6 *  -----	1,6	
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The present search report has been drawn up for all claims			
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<b>CATEGORY OF CITED DOCUMENTS</b>			
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	